

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Spring 2017 Levee Inspection Results

Yolo County Service Area 6

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
† Overall LMA Rating (Fall Only)				

** Non-receipt of Summer or Winter Inspection
Reports may effect overall annual rating.

† SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2017 Levee Inspection Results

Yolo County Service Area 6

Waterway			Bank	Unit Miles
Unit No. 01 Right Bank of Sacramento River at Knights Landing			Right	5.87
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	5/1/2017 - 5/1/2017			
DWR Inspector	Zach Jojola			
Accompanied By	Casey Leibler Yolo County			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	05/01/2017 05/01/2017	Zach Jojola

LM Start		Rating **	A	Issue No.	33
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Operations & Maintenance Manuals				
DWR ID	DWR_NA0022_01_s _ 2013_33				
Comment Code					
Inspector Comment					

No Photos

LM Start		Rating **	A	Issue No.	34
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Flood Preparedness & Training				
DWR ID	DWR_NA0022_01_s _ 2013_34				
Comment Code					
Inspector Comment					
Yolo County OES has a written flood response plan and flood response training.					

No Photos

LM Start		Rating **	A	Issue No.	38
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Emergency Supplies & Equipment				
DWR ID	DWR_NA0022_01_s _ 2012_38				
Comment Code					
Inspector Comment					
Yolo County OES has a stockpile of flood response material.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	05/01/2017 05/01/2017	Zach Jojola

LM Start	0.01	Rating **	U	Issue No.	64
LM End	0.01	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.799215 °	38.799215 °
				-121.724341 °	-121.724341 °
DWR ID	DWR_NA0022_01_f _ 2016_64				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
More than 2 cub.ft of soil observed around the burrow.					

Photo 1 of 1 : SP_2017_NA0022_350_64_20170320_00049.jpg



Rodent burrow on LS slope of the levee across from Outfall Gates. Fall inspection 10/07/2016.

LM Start	0.02	Rating **	M	Issue No.	74
LM End	0.12	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.799350 °	38.800576 °
				-121.724201 °	-121.723266 °
DWR ID	DWR_NA0022_01_s_2017_74				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	0.02	Rating **	M	Issue No.	69
LM End	0.12	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.799352 °	38.800577 °
				-121.724203 °	-121.723268 °
DWR ID	DWR_NA0022_01_s_2017_69				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side WS : Water Side CR : Crown		A : Acceptable M : Minimally Acceptable U : Unacceptable		Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
N/A : Not Applicable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain			

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	05/01/2017 05/01/2017	Zach Jojola

LM Start	0.07	Rating **	M	Issue No.	65
LM End	0.07	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.799994 °	38.799994 °
				-121.723866 °	-121.723866 °
DWR ID	DWR_NA0022_01_s _ 2017_65				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	0.07	Rating **	M	Issue No.	66
LM End	0.12	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.799994 °	38.800577 °
				-121.723866 °	-121.723268 °
DWR ID	DWR_NA0022_01_s _ 2017_66				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	0.11	Rating **	M	Issue No.	85
LM End	0.11	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.800490 °	38.800490 °
				-121.723463 °	-121.723463 °
DWR ID	DWR_NA0022_01_s _ 2016_85				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side N/A : Not Applicable		A : Acceptable		Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable		Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable		En : Enforcement	
		N : Not Inspected/Rated			
		C : Corrected			
		A/W : Acceptable but Monitor & Maintain			

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	05/01/2017 05/01/2017	Zach Jojola

LM Start	0.13	Rating **	M	Issue No.	396
LM End	0.13	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.800647 °	38.800647 °
				-121.723212 °	-121.723212 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:31903					
DS_ID:19515					
EP_NO: 9425					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Need to properly abandon crossing per Title 23-- pipe has been disconnected. No signs of pipe visible on waterward and landward sides. Need to contact owner to determine additional information about pipe section through levee.					
FIELD_STRUCT_DESC: *ABANDONED* 8-inch steel irrigation pipe through the levee, 3.0-feet below the crown. Pump structure in channel. (Automatic Board Order (ABO) issued as Permit No. 9425, 1974 - Nuttall). [Additional Reference(s): DWR Levee Log, 1990 and 2005].					
FS Date: 3/4/2014					

Photo 1 of 3 : UCIP_SP_2017_31903_58222.jpg



View of landward side.

LM Start	0.13	Rating **	M	Issue No.	396 (cont)
LM End	0.13	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP_SP_2017_31903_58221.jpg



Overview of levee crown looking at crossing.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	05/01/2017 05/01/2017	Zach Jojola

LM Start	0.13	Rating **	M	Issue No.	396 (cont)	
LM End	0.13	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.800647 °		38.800647 °
				-121.723212 °		-121.723212 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:31903						
DS_ID:19515						
EP_NO: 9425						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Need to properly abandon crossing per Title 23-- pipe has been disconnected. No signs of pipe visible on waterward and landward sides. Need to contact owner to determine additional information about pipe section through levee.						
FIELD_STRUCT_DESC: *ABANDONED* 8-inch steel irrigation pipe through the levee, 3.0-feet below the crown. Pump structure in channel. (Automatic Board Order (ABO) issued as Permit No. 9425, 1974 - Nuttall). [Additional Reference(s): DWR Levee Log, 1990 and 2005].						
FS Date: 3/4/2014						

Photo 3 of 3 : UCIP_SP_2017_31903_58220.jpg



View of waterward side.

LM Start	0.13	Rating **	M	Issue No.	6
LM End	0.20	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.800645 °	38.801336 °
				-121.723172 °	-121.722106 °
DWR ID	DWR_NA0022_01_s_2012_6				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					
Trim trees to allow visibility.					

Photo 1 of 1 : SP_2017_NA0022_350_6_20170320_00007.jpg



View of the vegetation and trees on the waterward side of the levee looking downstream. Fall 2015.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	05/01/2017 05/01/2017	Zach Jojola

LM Start	0.19	Rating **	C	Issue No.	29
LM End	0.19	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.801098 °	38.801098 °
				-121.722298 °	-121.722298 °
DWR ID	DWR_NA0022_01_s_2016_29				
Comment Code					
PR : Prunings					
Inspector Comment					

No Photos

LM Start	0.21	Rating **	M	Issue No.	397
LM End	0.21	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.801280 °	38.801280 °
				-121.722000 °	-121.722000 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:31904 DS_ID:19516 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to properly abandon per Title 23 if corssing is no longer used--debris inside concrete box and near site. Need to contact owner. FIELD_STRUCT_DESC: 48-inch corrugated metal pipe through the levee, 14.5 feet below the crown. Slide gate in concrete box on the waterside (WS) bank. (Automatic Board Order (ABO) issued as Permit No. unknown, 1976 - Wallace) [Additional Reference(s): DWR Levee Log, 1990 and 2005] FS Date: 3/4/2014					

Photo 1 of 3 : UCIP_SP_2017_31904_58228.jpg



Pipe section with holes abandoned on waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	05/01/2017 05/01/2017	Zach Jojola

LM Start	0.21	Rating **	M	Issue No.	397 (cont)	
LM End	0.21	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.801280 °		38.801280 °
				-121.722000 °		-121.722000 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:31904 DS_ID:19516 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to properly abandon per Title 23 if corssing is no longer used--debris inside concrete box and near site. Need to contact owner. FIELD_STRUCT_DESC: 48-inch corrugated metal pipe through the levee, 14.5 feet below the crown. Slide gate in concrete box on the waterside (WS) bank. (Automatic Board Order (ABO) issued as Permit No. unknown, 1976 - Wallace) [Additional Reference(s): DWR Levee Log, 1990 and 2005] FS Date: 3/4/2014						

LM Start	0.21	Rating **	M	Issue No.	397 (cont)
LM End	0.21	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP_SP_2017_31904_58227.jpg



View of waterward toe photo taken from bridge.

Photo 3 of 3 : UCIP_SP_2017_31904_58226.jpg



Concrete box located on waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	05/01/2017 05/01/2017	Zach Jojola

LM Start	0.22	Rating **	M	Issue No.	28
LM End	0.25	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.801394 °	38.801613 °
				-121.721918 °	-121.721328 °
DWR ID	DWR_NA0022_01_s_2012_28				
Comment Code					
BU : Building					
Inspector Comment					
RV park runs on and along levee to bridge.					

LM Start	0.22	Rating **	M	Issue No.	28 (cont)
LM End	0.25	Issue Type +	En	Location *	LS

Photo 1 of 2 : SP_2017_NA0022_350_28_20170320_00028.jpg



The RV park is encroached into the levee crown. Fall 2013

Photo 2 of 2 : SP_2017_NA0022_350_28_20170320_00029.jpg



Trailers on the crown of the levee. Spring 2014

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	05/01/2017 05/01/2017	Zach Jojola

LM Start	0.26	Rating **	M	Issue No.	398
LM End	0.26	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.801597 °	38.801597 °
				-121.721226 °	-121.721226 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:45403 DS_ID:19513 EP_NO: 9424 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Unable to determine alignment of crossing--it's either through levee or along landward side. It appears that the waterline goes along landward side. Need to contact owner to obtain additional information about crossing. 2 inch metal pipe sticking out at the waterward berm edge. FIELD_STRUCT_DESC: Water pipe through the levee at an unknown depth below the crown. Faucets in the landside (LS) slope. (Automatic Board Order (ABO) issued as Permit No. 9424, 1974 - Ivey). [Additional Reference(s): DWR Levee Log, 1990 and 2005]. FS Date: 3/4/2014					

LM Start	0.26	Rating **	M	Issue No.	398 (cont)
LM End	0.26	Issue Type +	En	Location *	LS

Photo 1 of 3 : UCIP_SP_2017_45403_60805.jpg



Spigot located on landward side.

Photo 2 of 3 : UCIP_SP_2017_45403_60804.jpg



Spigot located on landward toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	05/01/2017 05/01/2017	Zach Jojola

LM Start	0.26	Rating **	M	Issue No.	398 (cont)	
LM End	0.26	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.801597 °		38.801597 °
				-121.721226 °		-121.721226 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:45403 DS_ID:19513 EP_NO: 9424 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Unable to determine alignment of crossing--it's either through levee or along landward side. It appears that the waterline goes along landward side. Need to contact owner to obtain additional information about crossing. 2 inch metal pipe sticking out at the waterward berm edge. FIELD_STRUCT_DESC: Water pipe through the levee at an unknown depth below the crown. Faucets in the landside (LS) slope. (Automatic Board Order (ABO) issued as Permit No. 9424, 1974 - Ivey). [Additional Reference(s): DWR Levee Log, 1990 and 2005]. FS Date: 3/4/2014						

Photo 3 of 3 : UCIP_SP_2017_45403_60803.jpg



View of waterward side.

LM Start	0.26	Rating **	C	Issue No.	67
LM End	0.26	Issue Type +	En	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.801593 °	38.801593 °
				-121.721200 °	-121.721200 °
DWR ID	DWR_NA0022_01_f_2016_67				
Comment Code					
EQ : Equipment					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	05/01/2017 05/01/2017	Zach Jojola

LM Start	0.28	Rating **	M	Issue No.	149
LM End	0.28	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.801618 °	38.801618 °	
			-121.720730 °	-121.720730 °	
DWR ID	DWR_NA0022_01_s _ 2017_149				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	0.29	Rating **	N	Issue No.	150
LM End	0.29	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.801637 °	38.801637 °	
			-121.720605 °	-121.720605 °	
DWR ID	DWR_NA0022_01_s _ 2017_150				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

No Photos

LM Start	0.30	Rating **	C	Issue No.	27
LM End	0.32	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.801720 °	38.801840 °	
			-121.720447 °	-121.720030 °	
DWR ID	DWR_NA0022_01_s _ 2012_27				
Comment Code					
V6 : Landscaping					
Inspector Comment					
I have talked to the owner about a permit and he continues to landscape the landside slope with no permit. Owner has added fence across levee. I gave her an application and did a field investigation report.					

No Photos

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

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LM Start	0.33	Rating **	M	Issue No.	399
LM End	0.33	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.801867 °	38.801867 °
				-121.719923 °	-121.719923 °
DWR ID					

Comment Code

Inspector Comment

FS_ID:31906
DS_ID:19534
EP_NO: 17016
Repair Type: Non-Urgent
Crossing Status: Indicator Found
UCIP Comments: Unable to confirm crossing alignment--steel pipe visible on waterward side however, unable to confirm if crossing is the same one found during field confirmation. Need to contact owner to verify alignment and status of crossing. Slope was too steep to verify and obtain additional information about pipe.
FIELD_STRUCT_DESC: Three 2-inch and three 1.5-inch fiber optic conduits through the levee, encased in a single high-density polyethylene (HDPE) conduit, 30-feet below the levee crown. Concrete caps on both ends of the casing, on the landside (LS) and waterside (WS). Voids in the HDPE conduit grouted. (Permit No. 17016, 2000 - Pacific Fiber Link, LLC).
FS Date: 3/4/2014

LM Start	0.33	Rating **	M	Issue No.	399 (cont)
LM End	0.33	Issue Type +	En	Location *	LS

Photo 1 of 2 : UCIP_SP_2017_31906_58238.jpg



Steel pipe located on waterward side--pipe disconnected.

Photo 2 of 2 : UCIP_SP_2017_31906_58237.jpg



No pipe attached along bridge.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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Levee Inspection Report By Mile - Spring 2017

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	05/01/2017 05/01/2017	Zach Jojola

LM Start	0.35	Rating **	M	Issue No.	26
LM End	0.39	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.801886 °	38.802020 °
				-121.719588 °	-121.718889 °
DWR ID	DWR_NA0022_01_s_2012_26				
Comment Code					
BU : Building					
Inspector Comment					
Apartments with chainlink fence with lathe woven into it.					

Photo 1 of 1 : SP_2017_NA0022_350_26_20170320_00025.jpg



The apartments and fence along the toe of the levee. Fall 2013

LM Start	0.35	Rating **	M	Issue No.	102
LM End	0.48	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.801887 °	38.802225 °
				-121.719587 °	-121.717186 °
DWR ID	DWR_NA0022_01_s_2016_102				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove oak tree that is less than 4" at breast height.					

Photo 1 of 1 : SP_2017_NA0022_350_102_20170320_00083.jpg



View of the trees on the waterward side of the levee looking downstream. Spring 2016.

LM Start	0.40	Rating **	M	Issue No.	71
LM End	0.40	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.802052 °	38.802052 °
				-121.718624 °	-121.718624 °
DWR ID	DWR_NA0022_01_f_2016_71				
Comment Code					
EQ : Equipment					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0022_350_71_20170320_00054.jpg



Vehicles and equipment on waterward side of the levee. Fall inspection 10/07/2016.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	05/01/2017 05/01/2017	Zach Jojola

LM Start	0.42	Rating **	M	Issue No.	104
LM End	0.43	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.802106 °	38.802126 °
				-121.718269 °	-121.718133 °
DWR ID	DWR_NA0022_01_s _ 2016_104				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Remove trees that are less than 4'.					

Photo 1 of 1 : SP_2017_NA0022_350_104_20170320_00084.jpg



View of the tree on the landward side of the levee looking downstream.
Spring 2016.

LM Start	0.43	Rating **	M	Issue No.	105
LM End	0.43	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.802139 °	38.802139 °
				-121.718065 °	-121.718065 °
DWR ID	DWR_NA0022_01_s _ 2016_105				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	05/01/2017 05/01/2017	Zach Jojola

LM Start	0.44	Rating **	U	Issue No.	151
LM End	0.51	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.802167 °	38.802033 °
				-121.717896 °	-121.716569 °
DWR ID	DWR_NA0022_01_s_2017_151				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0022_350_151_20170501_00165.jpg



View of tall grass on waterside levee slope, blocking visibility. Spring 2017.

LM Start	0.44	Rating **	U	Issue No.	152
LM End	0.51	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.802167 °	38.802033 °
				-121.717896 °	-121.716569 °
DWR ID	DWR_NA0022_01_s_2017_152				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0022_350_152_20170501_00166.jpg



View of tall grass on landside levee slope, blocking visibility. Spring 2017.

LM Start	0.50	Rating **	M	Issue No.	395
LM End	0.54	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.802120 °	38.801882 °
				-121.716867 °	-121.716165 °
DWR ID	DWR_NA0022_01_f_2013_395				
Comment Code					
MA : Material					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0022_350_395_20170320_00098.jpg



Material blocking visibility on the waterside of the levee. Fall 2013

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	05/01/2017 05/01/2017	Zach Jojola

LM Start	0.51	Rating **	M	Issue No.	400
LM End	0.51	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.802062 °	38.802062 °
				-121.716740 °	-121.716740 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:31627 DS_ID:19544 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Unable to confirm if signs of crossing are for the same crossing listed here. Need to contact owner and determine additional information about crossing. Also found is service box for water line--need permit and alignment confirmation. FIELD_STRUCT_DESC: 10-inch steel pipe through the levee at an unknown depth below the crown. [Additional Reference(s): DWR Levee Log, 1990 and 2005. USACE Sacramento O&M Manual Unit No. 127, June 1953, (Station 285+27)]. FS Date: 3/4/2014					

Photo 1 of 3 : UCIP_SP_2017_31627_57881.jpg



View of landward side. Alignment is visible on paved road.

LM Start	0.51	Rating **	M	Issue No.	400 (cont)
LM End	0.51	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP_SP_2017_31627_57880.jpg



View of waterward side. Alignment is visible on paved road.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	05/01/2017 05/01/2017	Zach Jojola

LM Start	0.51	Rating **	M	Issue No.	400 (cont)
LM End	0.51	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.802062 °	38.802062 °
				-121.716740 °	-121.716740 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:31627					
DS_ID:19544					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: Unable to confirm if signs of crossing are for the same crossing listed here. Need to contact owner and determine additional information about crossing. Also found is service box for water line--need permit and alignment confirmation.					
FIELD_STRUCT_DESC: 10-inch steel pipe through the levee at an unknown depth below the crown. [Additional Reference(s): DWR Levee Log, 1990 and 2005. USACE Sacramento O&M Manual Unit No. 127, June 1953, (Station 285+27)].					
FS Date: 3/4/2014					

Photo 3 of 3 : UCIP_SP_2017_31627_57879.jpg



Service box located on waterward side near fence post.

LM Start	0.54	Rating **	M	Issue No.	24
LM End	0.57	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.801910 °	38.801823 °
				-121.716170 °	-121.715683 °
DWR ID	DWR_NA0022_01_s_2012_24				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0022_350_24_20170320_00023.jpg



The lawn area is on the levee waterside and crown. Fall 2013

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	05/01/2017 05/01/2017	Zach Jojola

LM Start	0.55	Rating **	M	Issue No.	401
LM End	0.55	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.801855 °	38.801855 °
				-121.716003 °	-121.716003 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:38995					
DS_ID:19553					
EP_NO: 17649					
Repair Type: Non-Urgent					
Crossing Status: Not Found					
UCIP Comments: 1 inch line visible on landward side (38.801855, -121.716003) unable to confirm if line is the line authorized. Need to contact owner to confirm installation and size.					
FIELD_STRUCT_DESC: 2 of 2: 1.5-inch water line of unknown material through the levee, 2 feet below the levee crown. (Permit No. 17649, 2004 - Rose)					
FS Date: 3/4/2014					

No Photos

LM Start	0.56	Rating **	A/W	Issue No.	23
LM End	0.64	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.801965 °	38.801468 °
				-121.715705 °	-121.714348 °
DWR ID	DWR_NA0022_01_s _ 2012_23				
Comment Code					
BU : Building					
Inspector Comment					
Yolo Sutter Yacht Club Permit No. 2778.					

Photo 1 of 1 : SP_2017_NA0022_350_23_20170320_00022.jpg



View of the Yacht club on the crown of the levee looking downstream.
Fall 2015.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	05/01/2017 05/01/2017	Zach Jojola

LM Start	0.57	Rating **	U	Issue No.	22
LM End	0.72	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.801815 °	38.800928 °
				-121.715628 °	-121.712991 °
DWR ID	DWR_NA0022_01_s_2012_22				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Oleander hedge					

Photo 1 of 1 : SP_2017_NA0022_350_22_20170320_00021.jpg



Oleanders along the shoulder.

LM Start	0.57	Rating **	M	Issue No.	402
LM End	0.57	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.801798 °	38.801798 °
				-121.715584 °	-121.715584 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:38188 DS_ID:19519 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Unable to find any signs of crossing on waterward side. Signs of concrete riser visible on landward side. If crossing is abandoned owner will need to coordinate with the Central Valley Flood Protection Board (CVFPB) for Title 23 requirements. FIELD_STRUCT_DESC: 10-inch pipe of unknown material through the levee, 3.3 feet below the crown. Plate welded on waterside (WS) end in 1975. 24-inch concrete riser on the landside (LS). [Additional Reference(s): DWR Levee Log, 1990 and 2005]. FS Date: 3/4/2014					

Photo 1 of 3 : UCIP_SP_2017_38188_69562.jpg



View of waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	05/01/2017 05/01/2017	Zach Jojola

LM Start	0.57	Rating **	M	Issue No.	402 (cont)	
LM End	0.57	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.801798 °	38.801798 °	
				-121.715584 °	-121.715584 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:38188 DS_ID:19519 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Unable to find any signs of crossing on waterward side. Signs of concrete riser visible on landward side. If crossing is abandoned owner will need to coordinate with the Central Valley Flood Protection Board (CVFPB) for Title 23 requirements. FIELD_STRUCT_DESC: 10-inch pipe of unknown material through the levee, 3.3 feet below the crown. Plate welded on waterside (WS) end in 1975. 24-inch concrete riser on the landside (LS). [Additional Reference(s): DWR Levee Log, 1990 and 2005]. FS Date: 3/4/2014						

LM Start	0.57	Rating **	M	Issue No.	402 (cont)
LM End	0.57	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP_SP_2017_38188_69560.jpg



View of waterward slope. Large hole visible on waterward side.

Photo 3 of 3 : UCIP_SP_2017_38188_69561.jpg



Residential property standpipe located behind fence.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	05/01/2017 05/01/2017	Zach Jojola

LM Start	0.65	Rating **	A/W	Issue No.	70
LM End	0.65	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.801372 °	38.801372 °
				-121.714247 °	-121.714247 °
DWR ID	DWR_NA0022_01_f_2015_70				
Comment Code					
FW : Firewood					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0022_350_70_20170320_00053.jpg



View of the firewood on the landward side of the levee looking downstream. Fall 2015.

LM Start	0.67	Rating **	M	Issue No.	153
LM End	0.99	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.801218 °	38.800210 °
				-121.713861 °	-121.708178 °
DWR ID	DWR_NA0022_01_s_2017_153				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	0.72	Rating **	M	Issue No.	106
LM End	0.94	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.800929 °	38.800204 °
				-121.712991 °	-121.709118 °
DWR ID	DWR_NA0022_01_s_2017_106				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	05/01/2017 05/01/2017	Zach Jojola

LM Start	0.82	Rating **	M	Issue No.	73
LM End	0.82	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.800554 °	38.800554 °
				-121.711296 °	-121.711296 °
DWR ID	DWR_NA0022_01_s_2015_73				
Comment Code					
EQ : Equipment					
Inspector Comment					
There are beehives on the landward side of the levee.					

Photo 1 of 1 : SP_2017_NA0022_350_73_20170320_00056.jpg



View of the beehives on the landward side of the levee looking downstream. Spring 2015.

LM Start	0.93	Rating **	M	Issue No.	403
LM End	0.93	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.800200 °	38.800200 °
				-121.709258 °	-121.709258 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:31969 DS_ID:19540 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe section on waterward side appears to have been removed and reinstalled--Need to contact owner to obtain additional information regarding work completed. FIELD_STRUCT_DESC: 14-inch steel irrigation pipe through the levee, 4.6 feet below the crown. Pump and valve are located on the waterside (WS) bank. Pipe and pump were removed and replaced under Permit No. 3798 (1962) SEE DS_ID 19521. [Additional Reference(s): USACE Sacramento O&M Manual Unit No. 127, June 1953, (Station 266+72.2)]. FS Date: 3/4/2014					

Photo 1 of 3 : UCIP_SP_2017_31969_58410.jpg



View of waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	05/01/2017 05/01/2017	Zach Jojola

LM Start	0.93	Rating **	M	Issue No.	403 (cont)	
LM End	0.93	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.800200 °		38.800200 °
				-121.709258 °		-121.709258 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:31969						
DS_ID:19540						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Pipe section on waterward side appears to have been removed and reinstalled--Need to contact owner to obtain additional information regarding work completed.						
FIELD_STRUCT_DESC: 14-inch steel irrigation pipe through the levee, 4.6 feet below the crown. Pump and valve are located on the waterside (WS) bank. Pipe and pump were removed and replaced under Permit No. 3798 (1962) SEE DS_ID 19521. [Additional Reference(s): USACE Sacramento O&M Manual Unit No. 127, June 1953, (Station 266+72.2)].						
FS Date: 3/4/2014						

Photo 2 of 3 : UCIP_SP_2017_31969_58409.jpg



Pipe located on waterward side.

LM Start	0.93	Rating **	M	Issue No.	403 (cont)
LM End	0.93	Issue Type +	En	Location *	LS

Photo 3 of 3 : UCIP_SP_2017_31969_58408.jpg



Pipe junction exposed on waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	05/01/2017 05/01/2017	Zach Jojola

LM Start	0.95	Rating **	U	Issue No.	21
LM End	1.32	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.800188 °	38.802017 °
				-121.708918 °	-121.702671 °
DWR ID	DWR_NA0022_01_s _ 2012_21				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Vegetation completely blocks visibility on the landward slope. Remove unwanted vegetation and trim and tin trees for visibility.					

Photo 1 of 1 : SP_2017_NA0022_350_21_20170320_00020.jpg



View of the vegetation on the landward side of the levee looking downstream. Fall 2015.

LM Start	1.01	Rating **	C	Issue No.	17
LM End	1.01	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.800246 °	38.800246 °
				-121.707858 °	-121.707858 °
DWR ID	DWR_NA0022_01_s _ 2014_17				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Trees blocking visibility and a dead tree on the levee slope.					

No Photos

LM Start	1.05	Rating **	M	Issue No.	107
LM End	1.05	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.800314 °	38.800314 °
				-121.707011 °	-121.707011 °
DWR ID	DWR_NA0022_01_s _ 2017_107				
Comment Code					
PR : Prunings					
Inspector Comment					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	05/01/2017 05/01/2017	Zach Jojola

LM Start	1.07	Rating **	C	Issue No.	109
LM End	1.07	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.800401 °	38.800401 °
				-121.706799 °	-121.706799 °
DWR ID	DWR_NA0022_01_s _ 2016_109				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Fallen tree is blocking crown roadway.					

No Photos

LM Start	1.07	Rating **	M	Issue No.	154
LM End	1.07	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.800364 °	38.800364 °
				-121.706751 °	-121.706751 °
DWR ID	DWR_NA0022_01_s _ 2017_154				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Large tree trunk on waterside levee slope.					

No Photos

LM Start	1.29	Rating **	M	Issue No.	155
LM End	1.65	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.801809 °	38.799325 °
				-121.703098 °	-121.698421 °
DWR ID	DWR_NA0022_01_s _ 2017_155				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	05/01/2017 05/01/2017	Zach Jojola

LM Start	1.33	Rating **	M	Issue No.	72
LM End	1.65	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.802101 °	38.799325 °
				-121.702412 °	-121.698422 °
DWR ID	DWR_NA0022_01_s _ 2017_72				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	1.38	Rating **	M	Issue No.	20
LM End	1.41	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.802153 °	38.802092 °
				-121.701519 °	-121.701031 °
DWR ID	DWR_NA0022_01_s _ 2016_20				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	1.40	Rating **	M	Issue No.	156
LM End	1.40	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.802141 °	38.802141 °
				-121.701254 °	-121.701254 °
DWR ID	DWR_NA0022_01_s _ 2017_156				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side N/A : Not Applicable		A : Acceptable		Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable		Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable		En : Enforcement	
		N : Not Inspected/Rated			
		C : Corrected			
		A/W : Acceptable but Monitor & Maintain			

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	05/01/2017 05/01/2017	Zach Jojola

LM Start	1.57	Rating **	M	Issue No.	157
LM End	1.57	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.800378 °	38.800378 °	
			-121.699124 °	-121.699124 °	
DWR ID	DWR_NA0022_01_s _ 2017_157				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	1.62	Rating **	M	Issue No.	158
LM End	1.62	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.799725 °	38.799725 °	
			-121.698653 °	-121.698653 °	
DWR ID	DWR_NA0022_01_s _ 2017_158				
Comment Code					
TR : Tree or limb					
Inspector Comment					

No Photos

LM Start	1.66	Rating **	M	Issue No.	110
LM End	1.66	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.799176 °	38.799176 °	
			-121.698372 °	-121.698372 °	
DWR ID	DWR_NA0022_01_s _ 2016_110				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	05/01/2017 05/01/2017	Zach Jojola

LM Start	1.70	Rating **	M	Issue No.	111
LM End	1.73	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.798683 °	38.798263 °
				-121.698232 °	-121.698103 °
DWR ID	DWR_NA0022_01_s_2016_111				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					
Remove trees that are less than 4" in diameter at breast height.					

No Photos

LM Start	1.72	Rating **	M	Issue No.	404
LM End	1.72	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.798388 °	38.798388 °
				-121.698145 °	-121.698145 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:31912 DS_ID:19522 EP_NO: 6296 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Siphon breaker housing on landward slope unit damaged and debris scattered on landward side. Unable to determine if crossing is still in use. Need to contact owner to determine status of crossing. FIELD_STRUCT_DESC: 12-inch (not 14 inch as indicated in desk study) irrigation pipe through the levee, 11.8 feet below the crown. 1.25 electrical conduit through the levee. Electrical control panel on waterside (WS) slope. Slant pump, mounted on steel structure on the WS bank. Siphon breaker on the landside (LS) shoulder. Standard corrugated metal cutoff wall around pipe at centerline of levee. Pipe extends from pump to existing irrigation ditch at LS toe. (Permit No. 6296, 1968 - Collier) [Additional Reference(s): DWR Levee Log, 1990 and 2005]. FS Date: 3/4/2014					

Photo 1 of 3 : UCIP_SP_2017_31912_58261.jpg



View of landward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	05/01/2017 05/01/2017	Zach Jojola

LM Start	1.72	Rating **	M	Issue No.	404 (cont)
LM End	1.72	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.798388 °	38.798388 °
				-121.698145 °	-121.698145 °
DWR ID					

Comment Code

Inspector Comment

FS_ID:31912
DS_ID:19522
EP_NO: 6296
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: Siphon breaker housing on landward slope unit damaged and debris scattered on landward side. Unable to determine if crossing is still in use. Need to contact owner to determine status of crossing.
FIELD_STRUCT_DESC: 12-inch (not 14 inch as indicated in desk study) irrigation pipe through the levee, 11.8 feet below the crown. 1.25 electrical conduit through the levee. Electrical control panel on waterside (WS) slope. Slant pump, mounted on steel structure on the WS bank. Siphon breaker on the landside (LS) shoulder. Standard corrugated metal cutoff wall around pipe at centerline of levee. Pipe extends from pump to existing irrigation ditch at LS toe. (Permit No. 6296, 1968 - Collier) [Additional Reference(s): DWR Levee Log, 1990 and 2005].
FS Date: 3/4/2014

LM Start	1.72	Rating **	M	Issue No.	404 (cont)
LM End	1.72	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP_SP_2017_31912_58260.jpg



Riser on landward toe.

Photo 3 of 3 : UCIP_SP_2017_31912_58259.jpg



View of waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	05/01/2017 05/01/2017	Zach Jojola

LM Start	1.75	Rating **	M	Issue No.	405
LM End	1.75	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.797928 °	38.797928 °
				-121.697992 °	-121.697992 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:38190 DS_ID:19539 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner to determine status of crossing. FIELD_STRUCT_DESC: *ABANDONED* 12-inch (not 18-inch as mentioned in USACE O&M manual) corrugated metal irrigation pipe through the levee. Gate valve in pumphouse on waterside (WS) (no pump house found). Pipe was abandoned prior to 1968. [Additional Reference(s): USACE Sacramento O&M Manual Unit No. 127, June 1953, (Station 224+3.5)]. FS Date: 3/4/2014					

Photo 1 of 3 : UCIP_SP_2017_38190_69563.jpg



View of waterward side.

LM Start	1.75	Rating **	M	Issue No.	405 (cont)
LM End	1.75	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP_SP_2017_38190_69565.jpg



View of waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	05/01/2017 05/01/2017	Zach Jojola

LM Start	1.75	Rating **	M	Issue No.	405 (cont)
LM End	1.75	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.797928 °	38.797928 °
				-121.697992 °	-121.697992 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:38190 DS_ID:19539 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner to determine status of crossing. FIELD_STRUCT_DESC: *ABANDONED* 12-inch (not 18-inch as mentioned in USACE O&M manual) corrugated metal irrigation pipe through the levee. Gate valve in pumphouse on waterside (WS) (no pump house found). Pipe was abandoned prior to 1968. [Additional Reference(s): USACE Sacramento O&M Manual Unit No. 127, June 1953, (Station 224+3.5)]. FS Date: 3/4/2014					

Photo 3 of 3 : UCIP_SP_2017_38190_69564.jpg



Concrete box located on landward toe.

LM Start	1.77	Rating **	M	Issue No.	112
LM End	1.77	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.797596 °	38.797596 °
				-121.697855 °	-121.697855 °
DWR ID	DWR_NA0022_01_s_2016_112				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove walnut and oak tree at landside toe that is less than 4" in diameter at breast height.					

Photo 1 of 1 : SP_2017_NA0022_350_112_20170320_00087.jpg



View of the tree at the toe of the levee on the landward side looking downstream. Spring 2016.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	05/01/2017 05/01/2017	Zach Jojola

LM Start	1.80	Rating **	C	Issue No.	9
LM End	1.80	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.797228 °	38.797228 °
				-121.697577 °	-121.697577 °
DWR ID	DWR_NA0022_01_f_2013_9				
Comment Code					
T4 : Trim trees over roadway to at least 12 feet above ground level.					
Inspector Comment					

No Photos

LM Start	1.81	Rating **	M	Issue No.	114
LM End	1.82	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.797194 °	38.796993 °
				-121.697515 °	-121.697322 °
DWR ID	DWR_NA0022_01_s_2016_114				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	1.88	Rating **	M	Issue No.	113
LM End	1.88	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.796361 °	38.796361 °
				-121.696696 °	-121.696696 °
DWR ID	DWR_NA0022_01_s_2017_113				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	05/01/2017 05/01/2017	Zach Jojola

LM Start	1.93	Rating **	C	Issue No.	116
LM End	1.95	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.795844 °	38.795599 °
				-121.696135 °	-121.695989 °
DWR ID	DWR_NA0022_01_s _ 2016_116				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	1.93	Rating **	M	Issue No.	159
LM End	1.93	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.795827 °	38.795827 °
				-121.696117 °	-121.696117 °
DWR ID	DWR_NA0022_01_s _ 2017_159				
Comment Code					
PR : Prunings					
Inspector Comment					

No Photos

LM Start	1.95	Rating **	M	Issue No.	44
LM End	1.95	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.795536 °	38.795536 °
				-121.695977 °	-121.695977 °
DWR ID	DWR_NA0022_01_s _ 2013_44				
Comment Code					
PR : Prunings					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0022_350_44_20170320_00042.jpg



View of the prunings on the waterward side of the levee. Spring 2015.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	05/01/2017 05/01/2017	Zach Jojola

LM Start	1.96	Rating **	M	Issue No.	119
LM End	1.96	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.795418 °	38.795418 °
				-121.695964 °	-121.695964 °
DWR ID	DWR_NA0022_01_s _ 2016_119				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0022_350_119_20170320_00091.jpg



View of the rodent hole on the landward side of the levee. Spring 2016.

LM Start	1.96	Rating **	M	Issue No.	118
LM End	2.00	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.795360 °	38.794760 °
				-121.695952 °	-121.695781 °
DWR ID	DWR_NA0022_01_s _ 2016_118				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					
Remove trees that are less than 4" in diameter at breast height.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	05/01/2017 05/01/2017	Zach Jojola

LM Start	1.97	Rating **	M	Issue No.	406
LM End	1.97	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.795248 °	38.795248 °
				-121.695958 °	-121.695958 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:40536 DS_ID:19524 EP_NO: 9413 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Alignment through levee unknown--no signs of crossing through landward side. Need to contact owner to determine status of crossing. This crossing appears to have been updated since 1970s. FIELD_STRUCT_DESC: 24-inch pipe through the levee, 15.5 feet below the crown. Gate valve on the landside (LS) end. Ramp on waterside (WS) slope. (Automatic Board Order (ABO) issued as Permit No. 9413, 1974 - Wallace Construction Company). Added appurtenances (noticed in 2014) pump, metal frame platform, flow meter, and control panel located on WS. Appurtenances could be associated with Permit No. 12804. [Additional Reference(s): DWR Levee Log, 1955, 1990, and 2005]. This appears to be the same entry as DS_ID 19538. FS Date: 3/4/2014					

LM Start	1.97	Rating **	M	Issue No.	406 (cont)
LM End	1.97	Issue Type +	En	Location *	LS

Photo 1 of 3 : UCIP_SP_2017_40536_58265.jpg



View of landward side.

Photo 2 of 3 : UCIP_SP_2017_40536_58264.jpg



View of levee crown at crossing.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	05/01/2017 05/01/2017	Zach Jojola

LM Start	1.97	Rating **	M	Issue No.	406 (cont)	
LM End	1.97	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.795248 °	38.795248 °	
				-121.695958 °	-121.695958 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:40536 DS_ID:19524 EP_NO: 9413 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Alignment through levee unknown--no signs of crossing through landward side. Need to contact owner to determine status of crossing. This crossing appears to have been updated since 1970s. FIELD_STRUCT_DESC: 24-inch pipe through the levee, 15.5 feet below the crown. Gate valve on the landside (LS) end. Ramp on waterside (WS) slope. (Automatic Board Order (ABO) issued as Permit No. 9413, 1974 - Wallace Construction Company). Added appurtenances (noticed in 2014) pump, metal frame platform, flow meter, and control panel located on WS. Appurtenances could be associated with Permit No. 12804. [Additional Reference(s): DWR Levee Log, 1955, 1990, and 2005]. This appears to be the same entry as DS_ID 19538. FS Date: 3/4/2014						

Photo 3 of 3 : UCIP_SP_2017_40536_58263.jpg



View of waterward side.

LM Start	1.97	Rating **	M	Issue No.	117
LM End	2.06	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.795234 °	38.793974 °
				-121.695898 °	-121.695852 °
DWR ID	DWR_NA0022_01_s_2016_117				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0022_350_117_20170320_00090.jpg



Series of animal burrows on LS slope of the levee. Fall inspection 10/07/2016.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	05/01/2017 05/01/2017	Zach Jojola

LM Start	2.00	Rating **	C	Issue No.	120
LM End	2.00	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.794755 °	38.794755 °
				-121.695779 °	-121.695779 °
DWR ID	DWR_NA0022_01_s _ 2016_120				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	2.03	Rating **	C	Issue No.	90
LM End	2.03	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.794419 °	38.794419 °
				-121.695700 °	-121.695700 °
DWR ID	DWR_NA0022_01_f _ 2015_90				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	05/01/2017 05/01/2017	Zach Jojola

LM Start	2.04	Rating **	M	Issue No.	407
LM End	2.04	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.794288 °	38.794288 °
				-121.695678 °	-121.695678 °
DWR ID					

Comment Code

Inspector Comment

FS_ID:31632
DS_ID:19523
EP_NO: 9413
Repair Type: Non-Urgent
Crossing Status: Indicator Found
UCIP Comments: Erosion at outlet. Unable to determine if crossing is still in use. Will need to contact owner to determine status of crossing.
FIELD_STRUCT_DESC: 30-inch corrugated metal gravity pipe through the levee, 13.5 feet below the crown. Slide gate on both ends in 48-inch corrugated metal pipe (CMP) riser. (pipe retained under Automatic Board Order (ABO) issued as Permit No. 9413, 1974 - Wallace Construction Company; pump installed under Permit No. 12804, 1980 - Wallace Construction Company). Pumpstation appears to be located at CLM 1.969 and pipe runs along WS berm and discharges to ditch where the 30-inch pipe is used to convey the irrigation water to landside (LS) [Additional Reference(s): DWR Levee Log 1990 and 2005].
FS Date: 3/4/2014

LM Start	2.04	Rating **	M	Issue No.	407 (cont)
LM End	2.04	Issue Type +	En	Location *	WS

Photo 1 of 3 : UCIP_SP_2017_31632_57905.jpg



Outlet located on landward toe.

Photo 2 of 3 : UCIP_SP_2017_31632_57903.jpg



Overview of levee crown at crossing.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	05/01/2017 05/01/2017	Zach Jojola

LM Start	2.04	Rating **	M	Issue No.	407 (cont)	
LM End	2.04	Issue Type +	En	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.794288 °	38.794288 °	
				-121.695678 °	-121.695678 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:31632						
DS_ID:19523						
EP_NO: 9413						
Repair Type: Non-Urgent						
Crossing Status: Indicator Found						
UCIP Comments: Erosion at outlet. Unable to determine if crossing is still in use. Will need to contact owner to determine status of crossing.						
FIELD_STRUCT_DESC: 30-inch corrugated metal gravity pipe through the levee, 13.5 feet below the crown. Slide gate on both ends in 48-inch corrugated metal pipe (CMP) riser. (pipe retained under Automatic Board Order (ABO) issued as Permit No. 9413, 1974 - Wallace Construction Company; pump installed under Permit No. 12804, 1980 - Wallace Construction Company). Pumpstation appears to be located at CLM 1.969 and pipe runs along WS berm and discharges to ditch where the 30-inch pipe is used to convey the irrigation water to landside (LS) [Additional Reference(s): DWR Levee Log 1990 and 2005].						
FS Date: 3/4/2014						

Photo 3 of 3 : UCIP_SP_2017_31632_57904.jpg



View of waterward side.

LM Start	2.04	Rating **	M	Issue No.	7
LM End	2.14	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.794259 °	38.792907 °
				-121.695697 °	-121.696033 °
DWR ID	DWR_NA0022_01_s_2016_7				
Comment Code					
DT : Ditch					
Inspector Comment					
Ditch is at the toe of the levee.					

Photo 1 of 1 : SP_2017_NA0022_350_7_20170320_00008.jpg



View of the ditch at the levee toe on the landward side looking downstream. Spring 2016.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	05/01/2017 05/01/2017	Zach Jojola

LM Start	2.06	Rating **	M	Issue No.	408
LM End	2.06	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.794035 °	38.794035 °
				-121.695870 °	-121.695870 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:31915 DS_ID:19538 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Buried gate valve on landward slope. Crossing appears to be non-functional. Landward pipe section across canal has deteriorated. Will need to contact owner to determine status of crossing. If crossing is not in use owner will need to contact the CVFPB to abandon properly according to Title 23. FIELD_STRUCT_DESC: 20-inch corrugated metal drain pipe through the levee at an unknown depth. 20-inch gate valve is located on the landside (LS) slope. [Additional Reference(s): USACE Sacramento O&M Manual Unit No. 127, June 1953, (Station 208+15)]. This crossing could be the same record as DS_ID 19524--unable to confirm. FS Date: 3/4/2014					

Photo 1 of 3 : UCIP_SP_2017_31915_58270.jpg



Slide gate inside canal.

LM Start	2.06	Rating **	M	Issue No.	408 (cont)
LM End	2.06	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP_SP_2017_31915_58269.jpg



View of canal runs parallel on landward toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	05/01/2017 05/01/2017	Zach Jojola

LM Start	2.06	Rating **	M	Issue No.	408 (cont)
LM End	2.06	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.794035 °	38.794035 °
				-121.695870 °	-121.695870 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:31915 DS_ID:19538 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Buried gate valve on landward slope. Crossing appears to be non-functional. Landward pipe section across canal has deteriorated. Will need to contact owner to determine status of crossing. If crossing is not in use owner will need to contact the CVFPB to abandon properly according to Title 23. FIELD_STRUCT_DESC: 20-inch corrugated metal drain pipe through the levee at an unknown depth. 20-inch gate valve is located on the landside (LS) slope. [Additional Reference(s): USACE Sacramento O&M Manual Unit No. 127, June 1953, (Station 208+15)]. This crossing could be the same record as DS_ID 19524--unable to confirm. FS Date: 3/4/2014					

Photo 3 of 3 : UCIP_SP_2017_31915_58272.jpg



View of landward side.

LM Start	2.07	Rating **	M	Issue No.	88
LM End	2.08	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.793932 °	38.793803 °
				-121.695919 °	-121.696066 °
DWR ID	DWR_NA0022_01_s_2016_88				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove trees that are less than 4" in diameter at breast height.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	05/01/2017 05/01/2017	Zach Jojola

LM Start	2.12	Rating **	C	Issue No.	121
LM End	2.12	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.793194 °	38.793194 °
				-121.696114 °	-121.696114 °
DWR ID	DWR_NA0022_01_s_2016_121				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					
Remove trees less than 4" in diameter at chest height.					

No Photos

LM Start	2.14	Rating **	U	Issue No.	8
LM End	2.27	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.792956 °	38.791249 °
				-121.696025 °	-121.695223 °
DWR ID	DWR_NA0022_01_s_2012_8				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
More than 5 holes on 25-foot stretch.					

Photo 1 of 3 : SP_2017_NA0022_350_8_20170320_00009.jpg



View from levee toe on animal burrows on LS slope. Fall inspection 10/07/2016.

LM Start	2.14	Rating **	U	Issue No.	8 (cont)
LM End	2.27	Issue Type +	Ma	Location *	LS

Photo 2 of 3 : SP_2017_NA0022_350_8_20170320_00010.jpg



Another view of the burrows from levee crown. Fall inspection 10/07/2016.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	05/01/2017 05/01/2017	Zach Jojola

LM Start	2.14	Rating **	U	Issue No.	8 (cont)	
LM End	2.27	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Animal Control			38.792956 °		38.791249 °
				-121.696025 °		-121.695223 °
DWR ID	DWR_NA0022_01_s_2012_8					
Comment Code						
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.						
Inspector Comment						
More than 5 holes on 25-foot stretch.						

Photo 3 of 3 : SP_2017_NA0022_350_8_20170320_00011.jpg



View of the rodent hole on the landward side of the levee looking downstream. Fall 2015.

LM Start	2.14	Rating **	C	Issue No.	91
LM End	2.16	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.792942 °	38.792670 °
				-121.696033 °	-121.695798 °
DWR ID	DWR_NA0022_01_f_2015_91				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	2.17	Rating **	C	Issue No.	25
LM End	2.17	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.792652 °	38.792652 °
				-121.695742 °	-121.695742 °
DWR ID	DWR_NA0022_01_s_2014_25				
Comment Code					
T4 : Trim trees over roadway to at least 12 feet above ground level.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	05/01/2017 05/01/2017	Zach Jojola

LM Start	2.18	Rating **	M	Issue No.	40
LM End	2.18	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.792499 °	38.792499 °
				-121.695508 °	-121.695508 °
DWR ID	DWR_NA0022_01_s_2012_40				
Comment Code					
EQ : Equipment					
Inspector Comment					
Equipment is placed at the toe of the levee.					

Photo 1 of 2 : SP_2017_NA0022_350_40_20170320_00038.jpg



An updated view of the equipment on landward side. Fall inspection 10/07/2016.

LM Start	2.18	Rating **	M	Issue No.	40 (cont)
LM End	2.18	Issue Type +	En	Location *	LS

Photo 2 of 2 : SP_2017_NA0022_350_40_20170320_00039.jpg



View of equipment on the landward side of the levee looking downstream. Fall 2015.

LM Start	2.20	Rating **	M	Issue No.	39
LM End	2.20	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.792283 °	38.792283 °
				-121.695447 °	-121.695447 °
DWR ID	DWR_NA0022_01_s_2012_39				
Comment Code					
FW : Firewood					
Inspector Comment					
Firewood is placed at the levee toe.					

Photo 1 of 1 : SP_2017_NA0022_350_39_20170320_00037.jpg



View of the growing firewood at the toe of the landward side of the levee looking downstream. Fall 2015.

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	05/01/2017 05/01/2017	Zach Jojola

LM Start	2.20	Rating **	M	Issue No.	160
LM End	2.20	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.792274 °	38.792274 °
				-121.695445 °	-121.695445 °
DWR ID	DWR_NA0022_01_s_2017_160				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Fallen tree cuttings on waterside and landside levees slopes.					

No Photos

LM Start	2.21	Rating **	M	Issue No.	93
LM End	2.21	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.792055 °	38.792055 °
				-121.695446 °	-121.695446 °
DWR ID	DWR_NA0022_01_f_2015_93				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 2 : SP_2017_NA0022_350_93_20170320_00073.jpg



Slope stability issue in LS slope of the levee. Fall inspection 10/07/2016.

LM Start	2.21	Rating **	M	Issue No.	93 (cont)
LM End	2.21	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : SP_2017_NA0022_350_93_20170320_00074.jpg



View of the slope stability on the landward side of the levee looking downstream. Fall 2015.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	05/01/2017 05/01/2017	Zach Jojola

LM Start	2.24	Rating **	M	Issue No.	35
LM End	2.25	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.791652 °	38.791468 °
				-121.695403 °	-121.695342 °
DWR ID	DWR_NA0022_01_s_2016_35				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
Repair rills on landward side of the levee.					

Photo 1 of 2 : SP_2017_NA0022_350_35_20170320_00032.jpg



Erosion is on the landward side of the levee. Spring 2016.

LM Start	2.24	Rating **	M	Issue No.	35 (cont)
LM End	2.25	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : SP_2017_NA0022_350_35_20170320_00033.jpg



Perspective view of the erosion on the landward side of the levee. Spring 2016.

LM Start	2.26	Rating **	M	Issue No.	75
LM End	2.26	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.791392 °	38.791392 °
				-121.695307 °	-121.695307 °
DWR ID	DWR_NA0022_01_f_2016_75				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0022_350_75_20170320_00057.jpg



View of erosion site on landward slope of the levee. Fall inspection 10/07/2016.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	05/01/2017 05/01/2017	Zach Jojola

LM Start	2.26	Rating **	M	Issue No.	86
LM End	2.26	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.791391 °	38.791391 °
				-121.695305 °	-121.695305 °
DWR ID	DWR_NA0022_01_f_2016_86				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0022_350_86_20170320_00068.jpg



Rodent hole on levee crown. Fall inspection 10/07/2016.

LM Start	2.28	Rating **	C	Issue No.	95
LM End	2.28	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.791076 °	38.791076 °
				-121.695098 °	-121.695098 °
DWR ID	DWR_NA0022_01_f_2015_95				
Comment Code					
T4 : Trim trees over roadway to at least 12 feet above ground level.					
Inspector Comment					

No Photos

LM Start	2.32	Rating **	M	Issue No.	92
LM End	2.34	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.790607 °	38.790357 °
				-121.694783 °	-121.694621 °
DWR ID	DWR_NA0022_01_s_2016_92				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	05/01/2017 05/01/2017	Zach Jojola

LM Start	2.35	Rating **	U	Issue No.	409
LM End	2.35	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.790260 °	38.790260 °
				-121.694510 °	-121.694510 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:49982 DS_ID:19525 EP_NO: N/A Repair Type: Urgent Crossing Status: Indicator Found UCIP Comments: 7/13/2016 same as last inspection. Erosion has progressed--Need to coordinate with owner to address erosion on LS toe. (DWR UCIP - omagana)3/04/2014 Surface erosion near concrete box on landward side. Unable to determine if crossing is leaking or if pump is pulling sand from waterward side. Need to contact owner to determine status of crossing and to check integrity of crossing. (DWR UCIP - omagana) FIELD_STRUCT_DESC: 16-inch steel irrigation pipe through the levee, 4 feet below the crown (levee logs from 1955 indicate crossing is 18.9 feet below crown). Concrete well and pumphouse located on the waterside (WS). Screw gate is located in pump house. Slant pump mounted on steel structure on the WS bank, installed under Permit No. 5951 (1967). Concrete discharge box (4-feet by 4-feet) is located on the toe of landside (LS) slope. Overhead powerline and anchor crosses levee. Pole is located on both shoulders. [Additional Reference(s): DWR Levee Log, 1955, 1990, and 2005. USACE Sacramento O&M Manual Unit No. 127, June 1953, (Station 192+60)]. FS Date: 7/13/2016					

Photo 1 of 3 : UCIP_SP_2017_49982_57915.jpg



View of LS toe.

LM Start	2.35	Rating **	U	Issue No.	409 (cont)
LM End	2.35	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP_SP_2017_49982_57914.jpg



Slope erosion near concrete box.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	05/01/2017 05/01/2017	Zach Jojola

LM Start	2.35	Rating **	U	Issue No.	409 (cont)	
LM End	2.35	Issue Type +	En	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.790260 °		38.790260 °
				-121.694510 °		-121.694510 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:49982 DS_ID:19525 EP_NO: N/A Repair Type: Urgent Crossing Status: Indicator Found UCIP Comments: 7/13/2016 same as last inspection. Erosion has progressed--Need to coordinate with owner to address erosion on LS toe. (DWR UCIP - omagana)3/04/2014 Surface erosion near concrete box on landward side. Unable to determine if crossing is leaking or if pump is pulling sand from waterward side. Need to contact owner to determine status of crossing and to check integrity of crossing. (DWR UCIP - omagana) FIELD_STRUCT_DESC: 16-inch steel irrigation pipe through the levee, 4 feet below the crown (levee logs from 1955 indicate crossing is 18.9 feet below crown). Concrete well and pumphouse located on the waterside (WS). Screw gate is located in pump house. Slant pump mounted on steel structure on the WS bank, installed under Permit No. 5951 (1967). Concrete discharge box (4-feet by 4-feet) is located on the toe of landside (LS) slope. Overhead powerline and anchor crosses levee. Pole is located on both shoulders. [Additional Reference(s): DWR Levee Log, 1955, 1990, and 2005. USACE Sacramento O&M Manual Unit No. 127, June 1953, (Station 192+60)]. FS Date: 7/13/2016						

Photo 3 of 3 : UCIP_SP_2017_49982_57913.jpg



Outlet located on LS.

LM Start	2.35	Rating **	M	Issue No.	96
LM End	2.35	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.790206 °	38.790206 °
				-121.694534 °	-121.694534 °
DWR ID	DWR_NA0022_01_f_2015_96				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
There seems to be an erosion around the concrete box encasing the pipe.					

Photo 1 of 3 : SP_2017_NA0022_350_96_20170320_00077.jpg



Perspective view of the erosion around the pipe on the landward side of the levee looking downstream. Fall 2015.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain			

Yolo County Service Area 6

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	05/01/2017 05/01/2017	Zach Jojola

LM Start	2.35	Rating **	M	Issue No.	97
LM End	2.35	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.790175 °	38.790175 °
				-121.694519 °	-121.694519 °
DWR ID	DWR_NA0022_01_f_2016_97				
Comment Code					
EQ : Equipment					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0022_350_97_20170320_00080.jpg



Equipment on waterside slope. Fall inspection 10/07/2016.

LM Start	2.38	Rating **	M	Issue No.	161
LM End	2.43	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.789850 °	38.789151 °
				-121.694572 °	-121.694479 °
DWR ID	DWR_NA0022_01_s_2017_161				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

LM Start	2.41	Rating **	M	Issue No.	94
LM End	2.55	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.789382 °	38.787405 °
				-121.694584 °	-121.694283 °
DWR ID	DWR_NA0022_01_s_2016_94				
Comment Code					
AT : Agricultural tilling					
Inspector Comment					
Cut at the toe of the levee.					

Photo 1 of 2 : SP_2017_NA0022_350_94_20170320_00075.jpg



An updated view of the site where landside slope was tilled due to agricultural activity. Fall inspection 10/07/2016.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	05/01/2017 05/01/2017	Zach Jojola

LM Start	2.41	Rating **	M	Issue No.	94 (cont)	
LM End	2.55	Issue Type +	En	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Encroachments			38.789382 °		38.787405 °
				-121.694584 °		-121.694283 °
DWR ID	DWR_NA0022_01_s_2016_94					
Comment Code						
AT : Agricultural tilling						
Inspector Comment						
Cut at the toe of the levee.						

Photo 2 of 2 : SP_2017_NA0022_350_94_20170320_00076.jpg



View of the cut at the levee toe on the landward side looking downstream. Spring 2016.

LM Start	2.43	Rating **	C	Issue No.	32
LM End	2.43	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.789111 °	38.789111 °
				-121.694462 °	-121.694462 °
DWR ID	DWR_NA0022_01_s_2014_32				
Comment Code					
T4 : Trim trees over roadway to at least 12 feet above ground level.					
Inspector Comment					

No Photos

LM Start	2.44	Rating **	C	Issue No.	122
LM End	2.44	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.788962 °	38.788962 °
				-121.694427 °	-121.694427 °
DWR ID	DWR_NA0022_01_s_2016_122				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Fallen tree on the waterward side of the levee.					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	05/01/2017 05/01/2017	Zach Jojola

LM Start	2.45	Rating **	M	Issue No.	162
LM End	2.48	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.788819 °	38.788336 °
				-121.694344 °	-121.694231 °
DWR ID	DWR_NA0022_01_s _ 2017_162				
Comment Code					
PR : Prunings					
Inspector Comment					

No Photos

LM Start	2.49	Rating **	M	Issue No.	163
LM End	2.58	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.788246 °	38.786891 °
				-121.694229 °	-121.694272 °
DWR ID	DWR_NA0022_01_s _ 2017_163				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	2.52	Rating **	U	Issue No.	37
LM End	2.52	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.787778 °	38.787778 °
				-121.694296 °	-121.694296 °
DWR ID	DWR_NA0022_01_s _ 2014_37				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0022_350_37_20170320_00036.jpg



Tree stump decomposing and may pose a risk to the levee. Spring 2014

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	05/01/2017 05/01/2017	Zach Jojola

LM Start	2.52	Rating **	U	Issue No.	123
LM End	2.52	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.787768 °	38.787768 °
				-121.694295 °	-121.694295 °
DWR ID	DWR_NA0022_01_s_2016_123				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 2 : SP_2017_NA0022_350_123_20170320_00093.jpg



View of the rodent hole next to a tree stump on the landward side of the levee. Spring 2016.

LM Start	2.52	Rating **	U	Issue No.	123 (cont)
LM End	2.52	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : SP_2017_NA0022_350_123_20170320_00094.jpg



Perspective view of the rodent hole looking upstream. Spring 2016.

LM Start	2.58	Rating **	M	Issue No.	11
LM End	2.58	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.787012 °	38.787012 °
				-121.694262 °	-121.694262 °
DWR ID	DWR_NA0022_01_s_2012_11				
Comment Code					
BU : Building					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0022_350_11_20170320_00013.jpg



Garage at toe.

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	05/01/2017 05/01/2017	Zach Jojola

LM Start	2.59	Rating **	M	Issue No.	124
LM End	2.59	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.786780 °	38.786780 °
				-121.694317 °	-121.694317 °
DWR ID	DWR_NA0022_01_s_2016_124				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0022_350_124_20170320_00095.jpg



View of the cactuses and trees at the toe of the levee on the landward side looking downstream. Spring 2016.

LM Start	2.65	Rating **	U	Issue No.	125
LM End	2.65	Issue Type +	Ob	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Seepage / Sandboils			38.785939 °	38.785939 °
				-121.694332 °	-121.694332 °
DWR ID	DWR_NA0022_01_s_2017_125				
Comment Code					
Inspector Comment					
Seepage recorded on 2/13/17.					

Photo 1 of 1 : SP_2017_NA0022_350_125_20170501_00167.jpg



View of seepage at landside levee toe. Spring 2017.

LM Start	2.67	Rating **	U	Issue No.	87
LM End	2.67	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.785657 °	38.785657 °
				-121.694313 °	-121.694313 °
DWR ID	DWR_NA0022_01_s_2012_87				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					

Photo 1 of 2 : SP_2017_NA0022_350_87_20170320_00069.jpg



An updated view of erosion site on LS slope. Fall inspection 10/07/2016.

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	05/01/2017 05/01/2017	Zach Jojola

LM Start	2.67	Rating **	U	Issue No.	87 (cont)	
LM End	2.67	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Erosion / Bank Caving			38.785657 °		38.785657 °
				-121.694313 °		-121.694313 °
DWR ID	DWR_NA0022_01_s_2012_87					
Comment Code						
E2 : Schedule repair of erosion site prior to the next inspection.						
Inspector Comment						

Photo 2 of 2 : SP_2017_NA0022_350_87_20170320_00070.jpg



View of the erosion on the landward side of the levee looking downstream. Spring 2016.

LM Start	2.73	Rating **	C	Issue No.	99
LM End	2.73	Issue Type +	En	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.784835 °	38.784835 °
				-121.694064 °	-121.694064 °
DWR ID	DWR_NA0022_01_f_2016_99				
Comment Code					
DE : Debris					
Inspector Comment					

No Photos

LM Start	2.76	Rating **	M	Issue No.	108
LM End	2.86	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.784421 °	38.783639 °
				-121.693719 °	-121.692181 °
DWR ID	DWR_NA0022_01_f_2016_108				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side WS : Water Side CR : Crown		A : Acceptable M : Minimally Acceptable U : Unacceptable		Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
N/A : Not Applicable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain			

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	05/01/2017 05/01/2017	Zach Jojola

LM Start	2.81	Rating **	M	Issue No.	128
LM End	2.81	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.784059 °	38.784059 °
				-121.693094 °	-121.693094 °
DWR ID	DWR_NA0022_01_s_2016_128				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	2.82	Rating **	M	Issue No.	164
LM End	3.00	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.783965 °	38.782372 °
				-121.692831 °	-121.690366 °
DWR ID	DWR_NA0022_01_s_2017_164				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	2.87	Rating **	U	Issue No.	52
LM End	2.92	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.783571 °	38.783021 °
				-121.692110 °	-121.691633 °
DWR ID	DWR_NA0022_01_f_2013_52				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 2 : SP_2017_NA0022_350_52_20170320_00047.jpg



View of the rodent hole and material on the landward side of the levee.
Fall 2015.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	05/01/2017 05/01/2017	Zach Jojola

LM Start	2.87	Rating **	U	Issue No.	52 (cont)	
LM End	2.92	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Animal Control			38.783571 °	38.783021 °	
				-121.692110 °	-121.691633 °	
DWR ID	DWR_NA0022_01_f_2013_52					
Comment Code						
A1 : Exterminate rodents and backfill and compact or grout burrows.						
Inspector Comment						

Photo 2 of 2 : SP_2017_NA0022_350_52_20170320_00048.jpg



There are multiple rodent holes in this area. Fall 2015.

LM Start	2.92	Rating **	M	Issue No.	165
LM End	2.92	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.783028 °	38.783028 °
				-121.691622 °	-121.691622 °
DWR ID	DWR_NA0022_01_s_2017_165				
Comment Code					
PR : Prunings					
Inspector Comment					

No Photos

LM Start	2.92	Rating **	M	Issue No.	129
LM End	2.98	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.783022 °	38.782464 °
				-121.691629 °	-121.690680 °
DWR ID	DWR_NA0022_01_s_2016_129				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove trees less than 4" in diameter at breast height.					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side WS : Water Side CR : Crown		A : Acceptable M : Minimally Acceptable U : Unacceptable		Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
N/A : Not Applicable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain			

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	05/01/2017 05/01/2017	Zach Jojola

LM Start	2.94	Rating **	U	Issue No.	166
LM End	3.07	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.782835 °	38.781785 °
				-121.691328 °	-121.689402 °
DWR ID	DWR_NA0022_01_s _ 2017_166				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0022_350_166_20170501_00168.jpg



View of tall grass on landside levee slope, blocking visibility. Spring 2017.

LM Start	2.98	Rating **	M	Issue No.	167
LM End	3.03	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.782484 °	38.782139 °
				-121.690682 °	-121.689776 °
DWR ID	DWR_NA0022_01_s _ 2017_167				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	2.99	Rating **	C	Issue No.	76
LM End	2.99	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.782426 °	38.782426 °
				-121.690487 °	-121.690487 °
DWR ID	DWR_NA0022_01_s _ 2015_76				
Comment Code					
T4 : Trim trees over roadway to at least 12 feet above ground level.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	05/01/2017 05/01/2017	Zach Jojola

LM Start	3.00	Rating **	U	Issue No.	168
LM End	3.07	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.782366 °	38.781783 °
				-121.690369 °	-121.689403 °
DWR ID	DWR_NA0022_01_s_2017_168				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0022_350_168_20170501_00169.jpg



View of tall grass on waterside levee slope, blocking visibility. Spring 2017.

LM Start	3.02	Rating **	M	Issue No.	42
LM End	3.02	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.782239 °	38.782239 °
				-121.690037 °	-121.690037 °
DWR ID	DWR_NA0022_01_s_2014_42				
Comment Code					
PR : Prunings					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0022_350_42_20170320_00040.jpg



A large pruning pile near the toe of the levee. Spring 2014

LM Start	3.06	Rating **	M	Issue No.	12
LM End	3.14	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.781828 °	38.780852 °
				-121.689415 °	-121.688887 °
DWR ID	DWR_NA0022_01_s_2012_12				
Comment Code					
BU : Building					
Inspector Comment					

Photo 1 of 2 : SP_2017_NA0022_350_12_20170320_00014.jpg



Buildings are located at the toe of the levee. Fall 2012

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	05/01/2017 05/01/2017	Zach Jojola

LM Start	3.06	Rating **	M	Issue No.	12 (cont)	
LM End	3.14	Issue Type +	En	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Encroachments			38.781828 °	38.780852 °	
				-121.689415 °	-121.688887 °	
DWR ID	DWR_NA0022_01_s_2012_12					
Comment Code						
BU : Building						
Inspector Comment						

Photo 2 of 2 : SP_2017_NA0022_350_12_20170320_00015.jpg



The buildings are encroaching into the levee slope.

LM Start	3.07	Rating **	M	Issue No.	77
LM End	3.49	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.781785 °	38.776061 °
				-121.689403 °	-121.686957 °
DWR ID	DWR_NA0022_01_s_2017_77				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	3.07	Rating **	M	Issue No.	169
LM End	3.49	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.781785 °	38.776061 °
				-121.689400 °	-121.686961 °
DWR ID	DWR_NA0022_01_s_2017_169				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	05/01/2017 05/01/2017	Zach Jojola

LM Start	3.09	Rating **	A/W	Issue No.	115
LM End	3.09	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.781482 °	38.781482 °
				-121.689237 °	-121.689237 °
DWR ID	DWR_NA0022_01_f_2016_115				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0022_350_115_20170320_00088.jpg



Slope stability problem site on LS slope likely due to nearby owner's activity. Fall inspection 10/07/2016.

LM Start	3.10	Rating **	C	Issue No.	78
LM End	3.10	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.781283 °	38.781283 °
				-121.689151 °	-121.689151 °
DWR ID	DWR_NA0022_01_s_2015_78				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	3.12	Rating **	C	Issue No.	46
LM End	3.12	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.781107 °	38.781107 °
				-121.689052 °	-121.689052 °
DWR ID	DWR_NA0022_01_s_2014_46				
Comment Code					
T4 : Trim trees over roadway to at least 12 feet above ground level.					
Inspector Comment					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side WS : Water Side CR : Crown		A : Acceptable M : Minimally Acceptable U : Unacceptable		Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
N/A : Not Applicable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain			

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	05/01/2017 05/01/2017	Zach Jojola

LM Start	3.14	Rating **	M	Issue No.	47
LM End	3.14	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.780857 °	38.780857 °
				-121.688921 °	-121.688921 °
DWR ID	DWR_NA0022_01_s_2015_47				
Comment Code					
TR : Tree or limb					
Inspector Comment					
The tree has fallen over from Spring 2014.					

Photo 1 of 2 : SP_2017_NA0022_350_47_20170320_00045.jpg



Some trees have fallen and others are dying and need to be monitored.
The trees may pose a threat to the levee. Spring 2014

LM Start	3.14	Rating **	M	Issue No.	47 (cont)
LM End	3.14	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : SP_2017_NA0022_350_47_20170320_00046.jpg



View of the fallen tree on the waterward side of the levee looking downstream. Spring 2015.

LM Start	3.18	Rating **	M	Issue No.	5
LM End	3.28	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.780407 °	38.779137 °
				-121.688238 °	-121.687432 °
DWR ID	DWR_NA0022_01_s_2016_5				
Comment Code					
Inspector Comment					
2006 - Short section is into the levee toe, rest is near the levee toe. Mass failure and fluvial erosion of depositional material. Rock at the upstream and downstream ends. 2011 - Minor new erosion. 2012 - Slope continues to steepen, tree roots have become exposed, and new eddy formed. 2015: No observed changes. [2015 Site ID: SAC 86-9 R]					

Photo 1 of 1 : SP_2017_NA0022_350_5_20170320_00006.jpg



USACE 2013 Photo #1

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	05/01/2017 05/01/2017	Zach Jojola

LM Start	3.20	Rating **	M	Issue No.	15
LM End	3.20	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.780032 °	38.780032 °
				-121.688508 °	-121.688508 °
DWR ID	DWR_NA0022_01_s_2016_15				
Comment Code					
TR : Tree or limb					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0022_350_15_20170320_00017.jpg



View of the fallen tree on the waterward slope of the levee looking downstream. Spring 2016.

LM Start	3.23	Rating **	M	Issue No.	410
LM End	3.23	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.779625 °	38.779625 °
				-121.688090 °	-121.688090 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:39858 DS_ID:19526 EP_NO: 3205 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to contact owner to determine status of crossing. If crossing is no longer used need to coordinate with CVFPB for proper abandonment. FIELD_STRUCT_DESC: 12-inch irrigation pipe of unknown material through the levee, 4 feet below the crown. Pump is located on the waterside (WS). Gate valve is located on the WS slope. Siphon breaker is located inside an 18-inch concrete riser located on the landside (LS) slope. 36-inch concrete standpipe is located at toe of LS slope. Metal cutoff wall installed. Permit No. 3205 was issued in 1959 for the removal of an existing 12-inch pipe (USACE O&M Station 144+80) and re-installment of a 12-inch pipe. (Permit No. 3205, 1959 - Richardson) [Additional Reference(s): DWR Levee Log, 1955, 1990, and 2005. USACE Sacramento O&M Manual Unit No. 127, June 1953, (Station 144+80)]. FS Date: 3/4/2014					

Photo 1 of 3 : UCIP_SP_2017_39858_71841.jpg



View of waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	05/01/2017 05/01/2017	Zach Jojola

LM Start	3.23	Rating **	M	Issue No.	410 (cont)	
LM End	3.23	Issue Type +	En	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.779625 °	38.779625 °	
				-121.688090 °	-121.688090 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:39858 DS_ID:19526 EP_NO: 3205 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to contact owner to determine status of crossing. If crossing is no longer used need to coordinate with CVFPB for proper abandonment. FIELD_STRUCT_DESC: 12-inch irrigation pipe of unknown material through the levee, 4 feet below the crown. Pump is located on the waterside (WS). Gate valve is located on the WS slope. Siphon breaker is located inside an 18-inch concrete riser located on the landside (LS) slope. 36-inch concrete standpipe is located at toe of LS slope. Metal cutoff wall installed. Permit No. 3205 was issued in 1959 for the removal of an existing 12-inch pipe (USACE O&M Station Station 144+80) and re-installment of a 12-inch pipe. (Permit No. 3205, 1959 - Richardson) [Additional Reference(s): DWR Levee Log, 1955, 1990, and 2005. USACE Sacramento O&M Manual Unit No. 127, June 1953, (Station 144+80)]. FS Date: 3/4/2014						

LM Start	3.23	Rating **	M	Issue No.	410 (cont)
LM End	3.23	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP_SP_2017_39858_71840.jpg



Positive closure device is buried on waterward side.

Photo 3 of 3 : UCIP_SP_2017_39858_71845.jpg



Pipe section visible on waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	05/01/2017 05/01/2017	Zach Jojola

LM Start	3.24	Rating **	M	Issue No.	411
LM End	3.24	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.779543 °	38.779543 °
				-121.688170 °	-121.688170 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:31916 DS_ID:19545 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner--Crossing appears to be abandoned. If crossing is no longer in use, crossing need to be abandoned properly per Title 23. FIELD_STRUCT_DESC: *REMOVED* 12-inch steel irrigation pipe through the levee. Pump is located on the waterside (WS). Concrete standpipe is located on the landside (LS). Permit No. 3205 was issued in 1959 for the removal of an existing 12-inch pipe (USACE O&M Station Station 144+80) and re-installment of a new 12-inch pipe. [Additional Reference(s): USACE Sacramento O&M Manuals: Unit No. 127, June 1953, (Station 144+80)]. FS Date: 3/4/2014					

Photo 1 of 3 : UCIP_SP_2017_31916_58275.jpg



View of landward side.

LM Start	3.24	Rating **	M	Issue No.	411 (cont)
LM End	3.24	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP_SP_2017_31916_58274.jpg



View of waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	05/01/2017 05/01/2017	Zach Jojola

LM Start	3.24	Rating **	M	Issue No.	411 (cont)	
LM End	3.24	Issue Type +	En	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.779543 °	38.779543 °	
				-121.688170 °	-121.688170 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:31916 DS_ID:19545 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner--Crossing appears to be abandoned. If crossing is no longer in use, crossing need to be abandoned properly per Title 23. FIELD_STRUCT_DESC: *REMOVED* 12-inch steel irrigation pipe through the levee. Pump is located on the waterside (WS). Concrete standpipe is located on the landside (LS). Permit No. 3205 was issued in 1959 for the removal of an existing 12-inch pipe (USACE O&M Station Station 144+80) and re-installment of a new 12-inch pipe. [Additional Reference(s): USACE Sacramento O&M Manuals: Unit No. 127, June 1953, (Station 144+80)]. FS Date: 3/4/2014						

Photo 3 of 3 : UCIP_SP_2017_31916_58273.jpg



Pipe section visible on waterward side.

LM Start	3.25	Rating **	M	Issue No.	43
LM End	3.25	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.779344 °	38.779344 °
				-121.688062 °	-121.688062 °
DWR ID	DWR_NA0022_01_s_2017_43				
Comment Code					
TR : Tree or limb					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	05/01/2017 05/01/2017	Zach Jojola

LM Start	3.41	Rating **	M	Issue No.	79
LM End	3.41	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.777204 °	38.777204 °
				-121.687045 °	-121.687045 °
DWR ID	DWR_NA0022_01_s_2015_79				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Stairs have eroded and turned into a slope stability.					

Photo 1 of 3 : SP_2017_NA0022_350_79_20170320_00059.jpg



View of the stairs on the landward side of the levee looking downstream. Spring 2015.

LM Start	3.41	Rating **	M	Issue No.	79 (cont)
LM End	3.41	Issue Type +	Ma	Location *	LS

Photo 2 of 3 : SP_2017_NA0022_350_79_20170320_00060.jpg



Dirt stairs has eroded and caused a slope stability. Spring 2016.

LM Start	3.41	Rating **	M	Issue No.	79 (cont)
LM End	3.41	Issue Type +	Ma	Location *	LS

Photo 3 of 3 : SP_2017_NA0022_350_79_20170320_00061.jpg



Stairwell has eroded more creating erosion issue. Fall inspection 10/07/2016.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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Yolo County Service Area 6

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	05/01/2017 05/01/2017	Zach Jojola

LM Start	3.41	Rating **	M	Issue No.	412 (cont)	
LM End	3.41	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.777190 °		38.777190 °
				-121.687048 °		-121.687048 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:31917 DS_ID:19527 EP_NO: 3729 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Crossing has been modified. Need to contact owner to determine additional information pertaining to the modifications. FIELD_STRUCT_DESC: 10-inch irrigation pipe through the levee, 3 feet below the crown. 1.5-inch conduit through the levee. 1-foot below the crown. Service pole and meter at toe of landward slope. Gate valve and pump on the waterward bank. Access ramp to pump location. Siphon breaker on the landward shoulder, in 12-inch concrete riser. Metal cutoff wall installed. (Permit No. 3729-1961).[Additional Reference(s): DWR Levee Log, 1990 and 2005]. FS Date: 3/4/2014						

Photo 3 of 3 : UCIP_SP_2017_31917_58281.jpg



Flow meter located on waterward shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	05/01/2017 05/01/2017	Zach Jojola

LM Start	3.55	Rating **	M	Issue No.	413
LM End	3.55	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.775208 °	38.775208 °
				-121.687070 °	-121.687070 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:38996 DS_ID:19528 EP_NO: 3722 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe visible only on waterward side--Pipe needs to be properly abandoned per Title 23. Need to contact owner to determine status of crossing. FIELD_STRUCT_DESC: *ABANDONED* 10-inch steel pipe through the levee, 3 feet below the crown. 1.5-inch conduit 1 foot below the crown. Pump and gate valve on the waterside (WS) bank. Metal cutoff walls at centerline of levee. Siphon breaker is located on the landside (LS) shoulder in a 12-inch concrete riser. Pipe connects to existing 24-inch concrete standpipe at LS toe. (Permit No. 3722, 1961 - Traganza). No standpipe found on LS toe. In the 1955 DWR Levee Log the crossing was referenced as a 10-inch pipe at 5.3 feet below the crown at HLM 3.60. [Additional Reference(s): DWR Levee Log, 1955, 1990, and 2005]. FS Date: 3/4/2014					

LM Start	3.55	Rating **	M	Issue No.	413 (cont)
LM End	3.55	Issue Type +	En	Location *	LS

Photo 1 of 3 : UCIP_SP_2017_38996_69568.jpg



View of landward side.

Photo 2 of 3 : UCIP_SP_2017_38996_69567.jpg



Debris scattered on landward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	05/01/2017 05/01/2017	Zach Jojola

LM Start	3.55	Rating **	M	Issue No.	413 (cont)	
LM End	3.55	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.775208 °	38.775208 °	
				-121.687070 °	-121.687070 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:38996 DS_ID:19528 EP_NO: 3722 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe visible only on waterward side--Pipe needs to be properly abandoned per Title 23. Need to contact owner to determine status of crossing. FIELD_STRUCT_DESC: *ABANDONED* 10-inch steel pipe through the levee, 3 feet below the crown. 1.5-inch conduit 1 foot below the crown. Pump and gate valve on the waterside (WS) bank. Metal cutoff walls at centerline of levee. Siphon breaker is located on the landside (LS) shoulder in a 12-inch concrete riser. Pipe connects to existing 24-inch concrete standpipe at LS toe. (Permit No. 3722, 1961 - Traganza). No standpipe found on LS toe. In the 1955 DWR Levee Log the crossing was referenced as a 10-inch pipe at 5.3 feet below the crown at HLM 3.60. [Additional Reference(s): DWR Levee Log, 1955, 1990, and 2005]. FS Date: 3/4/2014						

Photo 3 of 3 : UCIP_SP_2017_38996_69566.jpg



Abandoned conduit line through levee.

LM Start	3.64	Rating **	M	Issue No.	89
LM End	3.64	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.774008 °	38.774008 °
				-121.687701 °	-121.687701 °
DWR ID	DWR_NA0022_01_s_2012_89				
Comment Code					
TR : Tree or limb					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0022_350_89_20170320_00071.jpg



View of the fallen tree on the waterward side of the levee looking upstream. Fall 2015.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	05/01/2017 05/01/2017	Zach Jojola

LM Start	3.65	Rating **	C	Issue No.	130
LM End	3.65	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.773895 °	38.773895 °
				-121.687810 °	-121.687810 °
DWR ID	DWR_NA0022_01_s_2016_130				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

LM Start	3.66	Rating **	M	Issue No.	170
LM End	3.66	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.773742°	38.773742°
				-121.687897°	-121.687897°
DWR ID	DWR_NA0022_01_s_2017_170				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	3.69	Rating **	A/W	Issue No.	80
LM End	3.69	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.773305°	38.773305°
				-121.688266°	-121.688266°
DWR ID	DWR_NA0022_01_s_2015_80				
Comment Code					
T4 : Trim trees over roadway to at least 12 feet above ground level.					
Inspector Comment					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side N/A : Not Applicable		A : Acceptable		Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable		Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable		En : Enforcement	
		N : Not Inspected/Rated			
		C : Corrected			
		A/W : Acceptable but Monitor & Maintain			

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	05/01/2017 05/01/2017	Zach Jojola

LM Start	3.71	Rating **	M	Issue No.	171
LM End	3.71	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.773184 °	38.773184 °
				-121.688378 °	-121.688378 °
DWR ID	DWR_NA0022_01_s _ 2017_171				
Comment Code					
PR : Prunings					
Inspector Comment					

No Photos

LM Start	3.71	Rating **	M	Issue No.	131
LM End	3.75	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.773130 °	38.772706 °
				-121.688454 °	-121.688927 °
DWR ID	DWR_NA0022_01_s _ 2016_131				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					
Remove trees less than 4" in diameter at chest height and trim trees.					

No Photos

LM Start	3.80	Rating **	M	Issue No.	132
LM End	3.80	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.772128 °	38.772128 °
				-121.689621 °	-121.689621 °
DWR ID	DWR_NA0022_01_s _ 2016_132				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	05/01/2017 05/01/2017	Zach Jojola

LM Start	3.94	Rating **	C	Issue No.	98
LM End	3.94	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.770873 °	38.770873 °
				-121.691643 °	-121.691643 °
DWR ID	DWR_NA0022_01_s _ 2016_98				
Comment Code					
GA : Garbage					
Inspector Comment					

No Photos

LM Start	3.98	Rating **	M	Issue No.	172
LM End	3.98	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.770589 °	38.770589 °
				-121.692151 °	-121.692151 °
DWR ID	DWR_NA0022_01_s _ 2017_172				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

No Photos

LM Start	3.99	Rating **	M	Issue No.	126
LM End	4.27	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.770412 °	38.766975 °
				-121.692378 °	-121.693050 °
DWR ID	DWR_NA0022_01_f _ 2016_126				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	05/01/2017 05/01/2017	Zach Jojola

LM Start	4.00	Rating **	M	Issue No.	133
LM End	4.11	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.770408 °	38.769061 °
				-121.692399 °	-121.693598 °
DWR ID	DWR_NA0022_01_s_2017_133				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	4.01	Rating **	M	Issue No.	414
LM End	4.01	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.770295 °	38.770295 °
				-121.692580 °	-121.692580 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:38999 DS_ID:19529 EP_NO: 4570 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to contact owner to determine status of crossing. CMP riser damage on waterward slope. FIELD_STRUCT_DESC: 16-inch pipe through the levee, 5.0 feet below the crown. Metal plate welded on the waterside (WS) end. Pump, 1.5-inch conduit, and gate valve in concrete U-headwall are located on the WS bank, installed under Permit 7618A (1971). Pipe extends from pump to concrete standpipe on the landside (LS), pipe exposed on the LS slope. Water meter in 36-inch corrugated metal pipe (CMP) riser located on the WS slope. Siphon breaker on the LS shoulder, in 7-inch metal riser. 30-inch concrete riser at toe of LS slope. Metal cutoff wall installed. (Permit No. 4570, 1964 - England Brothers). [Additional Reference(s): DWR Levee Log, 1990 and 2005]. FS Date: 3/4/2014					

Photo 1 of 3 : UCIP_SP_2017_38999_57948.jpg



View of landward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	05/01/2017 05/01/2017	Zach Jojola

LM Start	4.01	Rating **	M	Issue No.	414 (cont)	
LM End	4.01	Issue Type +	En	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.770295 °	38.770295 °	
				-121.692580 °	-121.692580 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:38999 DS_ID:19529 EP_NO: 4570 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to contact owner to determine status of crossing. CMP riser damage on waterward slope. FIELD_STRUCT_DESC: 16-inch pipe through the levee, 5.0 feet below the crown. Metal plate welded on the waterside (WS) end. Pump, 1.5-inch conduit, and gate valve in concrete U-headwall are located on the WS bank, installed under Permit 7618A (1971). Pipe extends from pump to concrete standpipe on the landside (LS), pipe exposed on the LS slope. Water meter in 36-inch corrugated metal pipe (CMP) riser located on the WS slope. Siphon breaker on the LS shoulder, in 7-inch metal riser. 30-inch concrete riser at toe of LS slope. Metal cutoff wall installed. (Permit No. 4570, 1964 - England Brothers). [Additional Reference(s): DWR Levee Log, 1990 and 2005]. FS Date: 3/4/2014						

LM Start	4.01	Rating **	M	Issue No.	414 (cont)
LM End	4.01	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP_SP_2017_38999_57947.jpg



View of waterward side.

Photo 3 of 3 : UCIP_SP_2017_38999_57946.jpg



View of levee crown at crossing.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	05/01/2017 05/01/2017	Zach Jojola

LM Start	4.11	Rating **	M	Issue No.	134
LM End	4.24	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.769021 °	38.767275 °
				-121.693645 °	-121.693448 °
DWR ID	DWR_NA0022_01_s_2016_134				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

LM Start	4.25	Rating **	A/W	Issue No.	36
LM End	4.49	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.767125 °	38.764582 °
				-121.693267 °	-121.690285 °
DWR ID	DWR_NA0022_01_s_2012_36				
Comment Code					
V8 : Environmental Requirements.					
Inspector Comment					

Photo 1 of 2 : SP_2017_NA0022_350_36_20170320_00034.jpg



Another view of the site.

LM Start	4.25	Rating **	A/W	Issue No.	36 (cont)
LM End	4.49	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : SP_2017_NA0022_350_36_20170320_00035.jpg



Fence, irrigation and stakes in the revegetation site.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	05/01/2017 05/01/2017	Zach Jojola

LM Start	4.26	Rating **	M	Issue No.	135
LM End	4.26	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.767056 °	38.767056 °
				-121.693184 °	-121.693184 °
DWR ID	DWR_NA0022_01_s_2016_135				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove trees less than 4" in diameter at chest height.					

No Photos

LM Start	4.44	Rating **	M	Issue No.	415
LM End	4.44	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.765142 °	38.765142 °
				-121.690963 °	-121.690963 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:31986 DS_ID:19530 EP_NO: 9409 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pump station not found. Crossing appears to be abandon. Need to contact owner to determine status. Repair site on waterward side--waterward slope revegetated. FIELD_STRUCT_DESC: 16-inch steel pipe through the levee, 6.4 feet below the crown. Pump and control valve are located on the waterside (WS) bank. Ramp is located on landside (LS) slope. (Automatic Board Order (ABO) issued as Permit No. 9409, 1974 - Russell). [Additional Reference(s): DWR Levee Log, 1990 and 2005]. FS Date: 3/4/2014					

Photo 1 of 3 : UCIP_SP_2017_31986_58442.jpg



View of landward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	05/01/2017 05/01/2017	Zach Jojola

LM Start	4.44	Rating **	M	Issue No.	415 (cont)	
LM End	4.44	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.765142 °	38.765142 °	
				-121.690963 °	-121.690963 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:31986						
DS_ID:19530						
EP_NO: 9409						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Pump station not found. Crossing appears to be abandon. Need to contact owner to determine status. Repair site on waterward side--waterward slope revegetated.						
FIELD_STRUCT_DESC: 16-inch steel pipe through the levee, 6.4 feet below the crown. Pump and control valve are located on the waterside (WS) bank. Ramp is located on landside (LS) slope. (Automatic Board Order (ABO) issued as Permit No. 9409, 1974 - Russell). [Additional Reference(s): DWR Levee Log, 1990 and 2005].						
FS Date: 3/4/2014						

Photo 2 of 3 : UCIP_SP_2017_31986_58439.jpg



Pipe through levee punctured visible on landward slope.

LM Start	4.44	Rating **	M	Issue No.	415 (cont)
LM End	4.44	Issue Type +	En	Location *	LS

Photo 3 of 3 : UCIP_SP_2017_31986_58441.jpg



View of waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	05/01/2017 05/01/2017	Zach Jojola

LM Start	4.44	Rating **	M	Issue No.	81
LM End	4.44	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.765079 °	38.765079 °
				-121.690887 °	-121.690887 °
DWR ID	DWR_NA0022_01_s_2015_81				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Fallen tree on waterside slope.					

Photo 1 of 1 : SP_2017_NA0022_350_81_20170320_00062.jpg



View of the dying tree on the waterward side of the levee looking downstream. Spring 2015.

LM Start	4.52	Rating **	U	Issue No.	416
LM End	4.52	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.764248 °	38.764248 °
				-121.689918 °	-121.689918 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:49983 DS_ID:19537 EP_NO: 18298 Repair Type: Urgent Crossing Status: Found UCIP Comments: 7/13/2016 same as last inspection - hole is still present near siphon breaker. Dense vegetation present and limits the inspector's visibility to identify signs of pipe failure (leaks) along the WS and LS slopes. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. (DWR UCIP - omagana)3/04/2014 Subsidence visible where siphon breaker is located on landward side. Unable to determine if subsidence is due to poor compaction or leak at siphon breaker. Need to contact owner to address issue. (DWR UCIP - omagana) FIELD_STRUCT_DESC: 14-inch steel water pipe through the levee, 2 feet below the levee crown. Pump platform is supported by 6 pilings located on the waterside (WS) slope. Siphon breaker and air release valve are located on the landside (LS) shoulder. Concrete distribution box is located on the LS toe. Rock riprap is used as armor along the WS slope. (Permit No. 18298, 2007 - Heidrick) FS Date: 7/13/2016					

Photo 1 of 3 : UCIP_SP_2017_49983_69573.jpg



View of LS--subsidence near levee crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	05/01/2017 05/01/2017	Zach Jojola

LM Start	4.52	Rating **	U	Issue No.	416 (cont)	
LM End	4.52	Issue Type +	En	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.764248 °		38.764248 °
				-121.689918 °		-121.689918 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:49983 DS_ID:19537 EP_NO: 18298 Repair Type: Urgent Crossing Status: Found UCIP Comments: 7/13/2016 same as last inspection - hole is still present near siphon breaker. Dense vegetation present and limits the inspector's visibility to identify signs of pipe failure (leaks) along the WS and LS slopes. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. (DWR UCIP - omagana)3/04/2014 Subsidence visible where siphon breaker is located on landward side. Unable to determine if subsidence is due to poor compaction or leak at siphon breaker. Need to contact owner to address issue. (DWR UCIP - omagana) FIELD_STRUCT_DESC: 14-inch steel water pipe through the levee, 2 feet below the levee crown. Pump platform is supported by 6 pilings located on the waterside (WS) slope. Siphon breaker and air release valve are located on the landside (LS) shoulder. Concrete distribution box is located on the LS toe. Rock riprap is used as armor along the WS slope. (Permit No. 18298, 2007 - Heidrick) FS Date: 7/13/2016						

LM Start	4.52	Rating **	U	Issue No.	416 (cont)
LM End	4.52	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP_SP_2017_49983_69572.jpg



Power pole with conduit line through levee.

Photo 3 of 3 : UCIP_SP_2017_49983_69575.jpg



03 04 2014

Inside view of concrete box located on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	05/01/2017 05/01/2017	Zach Jojola

LM Start	4.57	Rating **	M	Issue No.	173
LM End	4.57	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.763800 °	38.763800 °
				-121.689177 °	-121.689177 °
DWR ID	DWR_NA0022_01_s _ 2017_173				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	4.62	Rating **	M	Issue No.	136
LM End	4.62	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.763380 °	38.763380 °
				-121.688339 °	-121.688339 °
DWR ID	DWR_NA0022_01_s _ 2016_136				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

LM Start	4.66	Rating **	M	Issue No.	3
LM End	4.86	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.763486 °	38.763313 °
				-121.687567 °	-121.684038 °
DWR ID	DWR_NA0022_01_s _ 2016_3				
Comment Code					
Inspector Comment					
2009 - Erosion into the levee toe. Some cobbles have been dumped into the erosion pockets. 2010 - Old cobble site starting to unravel. 2012 - Slope continues to steepen and new animal holes. 2013 - Downstream cobble is unraveling. 2015: No observed changes. [2015 Site ID: SAC_85-4_R]					

Photo 1 of 1 : SP_2017_NA0022_350_3_20170320_00002.jpg



USACE 2013 Photo #1

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	05/01/2017 05/01/2017	Zach Jojola

LM Start	4.69	Rating **	U	Issue No.	417
LM End	4.69	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.763087 °	38.763087 °
				-121.687125 °	-121.687125 °
DWR ID					

Comment Code

Inspector Comment

FS_ID:49984

DS_ID:19531

EP_NO: 9408

Repair Type: Urgent

Crossing Status: Found

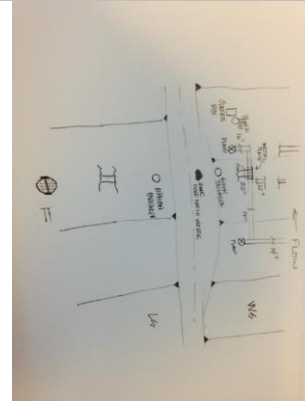
UCIP Comments: 7/13/2016 Same as last inspection. Sink hole repair visible on levee road. Recommend contacting owner to determine if an internal integrity inspection of the pipe was completed to confirm sink hole was not the cause of the damage to road. If no internal integrity inspection was completed during road repair, recommend an internal integrity inspection be completed at this location based on the sink hole that developed along pipe alignment and based on age of pipe. (DWR UCIP - omagana)3/04/2014 Signs of sink hole repair on levee crown. Owner will need to contact CVFPB to address sink hole repair. (DWR UCIP - omagana)

FIELD_STRUCT_DESC: 20-inch steel pipe through the levee, 4.7 feet below the crown. Two slant pumps located on the waterside (WS) slope. Two steel protective housing units are located on landside (LS) shoulder and WS shoulder. Ramp is located on LS slope. (Automatic Board Order (ABO) issued as Permit No. 9408, 1974 - Davidella, Grace and Florence Hershey, Estates). [Additional Reference(s): DWR Levee Log, 1955, 1990, and 2005].

FS Date: 7/13/2016

LM Start	4.69	Rating **	U	Issue No.	417 (cont)
LM End	4.69	Issue Type +	En	Location *	WS

Photo 1 of 3 : UCIP_SP_2017_49984_58451.jpg



Plan view of crossing and appurtenances at CLM 4.692.

Photo 2 of 3 : UCIP_SP_2017_49984_58457.jpg



View of LS.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

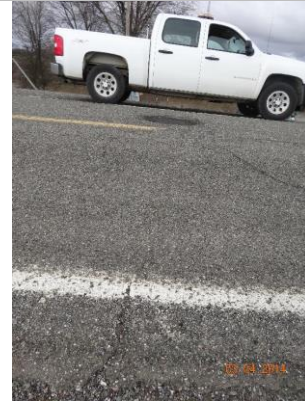
Levee Inspection Report By Mile - Spring 2017

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	05/01/2017 05/01/2017	Zach Jojola

LM Start	4.69	Rating **	U	Issue No.	417 (cont)							
LM End	4.69	Issue Type +	En	Location *	WS							
Category	Supplemental		GPS Latitude/Longitude									
			Start	End								
Item	DWR UCIP Field Study		38.763087 °	38.763087 °								
			-121.687125 °	-121.687125 °								
DWR ID												
Comment Code												
Inspector Comment												
FS_ID:49984 DS_ID:19531 EP_NO: 9408 Repair Type: Urgent Crossing Status: Found UCIP Comments: 7/13/2016 Same as last inspeciton. Sink hole repair visible on levee road. Recommend contacting owner to determine if an internal integrity inspection of the pipe was completed to confirm sink hole was not the cause of the damage to road. If no internal integrity inspection was completed during road repair, recommend an internal integrity inspection be completed at this location based on the sink hole that developed along pipe alignment and based on age of pipe. (DWR UCIP - omagana)3/04/2014 Signs of sink hole repair on levee crown. Owner will need to contact CVFPB to address sink hole repair. (DWR UCIP - omagana) FIELD_STRUCT_DESC: 20-inch steel pipe through the levee, 4.7 feet below the crown. Two slant pumps located on the waterside (WS) slope. Two steel protective housing units are located on lanside (LS) shoulder and WS shoulder. Ramp is located on LS slope. (Automatic Board Order (ABO) issued as Permit No. 9408, 1974 - Davidella, Grace and Florence Hershey, Estates). [Additional Reference(s): DWR Levee Log, 1955, 1990, and 2005]. FS Date: 7/13/2016												

Photo 3 of 3 : UCIP_SP_2017_49984_58456.jpg



View of levee crown. Signs of sink hole repair along pipe alignment.

LM Start	4.76	Rating **	M	Issue No.	174							
LM End	4.87	Issue Type +	Ma	Location *	WS							
Category	Earthen Levee		GPS Latitude/Longitude									
			Start	End								
Item	Vegetation		38.762881 °	38.763060 °								
			-121.685899 °	-121.683899 °								
DWR ID	DWR_NA0022_01_s_2017_174											
Comment Code												
V2 : Remove the wild growth other than native grasses from the levee slopes.												
Inspector Comment												

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain			

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	05/01/2017 05/01/2017	Zach Jojola

LM Start	4.87	Rating **	M	Issue No.	137
LM End	5.03	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.763066 °	38.762540 °
				-121.683934 °	-121.681197 °
DWR ID	DWR_NA0022_01_s _ 2016_137				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	4.87	Rating **	M	Issue No.	175
LM End	4.87	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.763065 °	38.763065 °
				-121.683839 °	-121.683839 °
DWR ID	DWR_NA0022_01_s _ 2017_175				
Comment Code					
TR : Tree or limb					
Inspector Comment					

No Photos

LM Start	5.03	Rating **	M	Issue No.	139
LM End	5.03	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.762541 °	38.762541 °
				-121.681197 °	-121.681197 °
DWR ID	DWR_NA0022_01_s _ 2016_139				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove willows.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	05/01/2017 05/01/2017	Zach Jojola

LM Start	5.07	Rating **	M	Issue No.	140
LM End	5.07	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.762163 °	38.762163 °
				-121.680674 °	-121.680674 °
DWR ID	DWR_NA0022_01_s _ 2016_140				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

LM Start	5.11	Rating **	M	Issue No.	141
LM End	5.13	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.761632 °	38.761435 °
				-121.680132 °	-121.679986 °
DWR ID	DWR_NA0022_01_s _ 2016_141				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

LM Start	5.15	Rating **	M	Issue No.	142
LM End	5.21	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.761251 °	38.760518 °
				-121.679849 °	-121.679041 °
DWR ID	DWR_NA0022_01_s _ 2016_142				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side N/A : Not Applicable		A : Acceptable N : Not Inspected/Rated		Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable C : Corrected		Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable A/W : Acceptable but Monitor & Maintain		En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	05/01/2017 05/01/2017	Zach Jojola

LM Start	5.19	Rating **	M	Issue No.	100
LM End	5.19	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.760703 °	38.760703 °
				-121.679320 °	-121.679320 °
DWR ID	DWR_NA0022_01_f_2015_100				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

No Photos

LM Start	5.28	Rating **	M	Issue No.	145
LM End	5.47	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.760056 °	38.759670 °
				-121.677844 °	-121.674506 °
DWR ID	DWR_NA0022_01_f_2016_145				
Comment Code					
FE : Fence					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0022_350_145_20170320_00097.jpg



Fence on WS slope near levee crown. Fall inspection 10/07/2016.

LM Start	5.28	Rating **	M	Issue No.	144
LM End	5.47	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.760047 °	38.759669 °
				-121.677828 °	-121.674507 °
DWR ID	DWR_NA0022_01_f_2016_144				
Comment Code					
FE : Fence					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0022_350_144_20170320_00096.jpg



Fence on LS slope near levee crown. Fall inspection 10/07/2016.

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	05/01/2017 05/01/2017	Zach Jojola

LM Start	5.29	Rating **	M	Issue No.	127
LM End	5.29	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.760013 °	38.759997 °
				-121.677758 °	-121.677724 °
DWR ID	DWR_NA0022_01_f _ 2016_127				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	5.47	Rating **	M	Issue No.	418
LM End	5.47	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.759678 °	38.759678 °
				-121.674492 °	-121.674492 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:31927					
DS_ID:19532					
EP_NO: 3811					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Unable to confirm is crossing is still in use. Need to contact owner to determine status of crossing.					
FIELD_STRUCT_DESC: 10-inch steel irrigation pipe through the levee, 3.6 feet below the crown. Pump is located at toe of waterside (WS) slope, on bank of river. Standard cutoff wall around pipe at center of levee. Standpipe is located at the toe of landside (LS) slope. Siphon breaker is located on the LS shoulder. This crossing replaces the previous USACE O&M irrigation pipe referenced at Station 27+49. (Permit No. 3811, 1962 - Inglin) [Additional Reference(s): DWR Levee Log, 1990 and 2005. USACE Sacramento O&M Manual Unit No. 127, June 1953, (Station 27+49)].					
FS Date: 3/4/2014					

Photo 1 of 3 : UCIP_SP_2017_31927_58332.jpg



View of waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	05/01/2017 05/01/2017	Zach Jojola

LM Start	5.47	Rating **	M	Issue No.	418 (cont)
LM End	5.47	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.759678 °	38.759678 °
				-121.674492 °	-121.674492 °
DWR ID					

Comment Code

Inspector Comment

FS_ID:31927
DS_ID:19532
EP_NO: 3811
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: Unable to confirm is crossing is still in use. Need to contact owner to determine status of crossing.
FIELD_STRUCT_DESC: 10-inch steel irrigation pipe through the levee, 3.6 feet below the crown. Pump is located at toe of waterside (WS) slope, on bank of river. Standard cutoff wall around pipe at center of levee. Standpipe is located at the toe of landside (LS) slope. Siphon breaker is located on the LS shoulder. This crossing replaces the previous USACE O&M irrigation pipe referenced at Station 27+49. (Permit No. 3811, 1962 - Inglin) [Additional Reference(s): DWR Levee Log, 1990 and 2005. USACE Sacramento O&M Manual Unit No. 127, June 1953, (Station 27+49)].
FS Date: 3/4/2014

LM Start	5.47	Rating **	M	Issue No.	418 (cont)
LM End	5.47	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP_SP_2017_31927_58331.jpg



Rip rap along waterward slope.

Photo 3 of 3 : UCIP_SP_2017_31927_58335.jpg



Pipe visible on waterward toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	05/01/2017 05/01/2017	Zach Jojola

LM Start	5.47	Rating **	M	Issue No.	176
LM End	5.51	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.759647 °	38.759584 °
				-121.674488 °	-121.673805 °
DWR ID	DWR_NA0022_01_s_2017_176				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	5.50	Rating **	M	Issue No.	146
LM End	5.50	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.759614 °	38.759614 °
				-121.673945 °	-121.673945 °
DWR ID	DWR_NA0022_01_f_2016_146				
Comment Code					
PR : Prunings					
Inspector Comment					

No Photos

LM Start	5.50	Rating **	M	Issue No.	1
LM End	5.54	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.759620 °	38.759412 °
				-121.673903 °	-121.673167 °
DWR ID	DWR_NA0022_01_s_2012_1				
Comment Code					
BU : Building					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0022_350_1_20170320_00001.jpg



The house and landscape are in the easement of the levee. Fall 2011

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	05/01/2017 05/01/2017	Zach Jojola

LM Start	5.50	Rating **	M	Issue No.	82
LM End	5.50	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.759594 °	38.759594 °
				-121.673860 °	-121.673860 °
DWR ID	DWR_NA0022_01_s_2015_82				
Comment Code					
TR : Tree or limb					
Inspector Comment					
A tree fell over on the waterward side of the levee.					

Photo 1 of 1 : SP_2017_NA0022_350_82_20170320_00063.jpg



View of the fallen tree on the waterward side of the levee looking downstream. Spring 2015.

LM Start	5.51	Rating **	M	Issue No.	143
LM End	5.51	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.759529 °	38.759529 °
				-121.673670 °	-121.673670 °
DWR ID	DWR_NA0022_01_s_2016_143				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

LM Start	5.54	Rating **	M	Issue No.	148
LM End	5.69	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.759426 °	38.758583 °
				-121.673223 °	-121.670643 °
DWR ID	DWR_NA0022_01_f_2016_148				
Comment Code					
FE : Fence					
Inspector Comment					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	05/01/2017 05/01/2017	Zach Jojola

LM Start	5.55	Rating **	M	Issue No.	147
LM End	5.70	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.759366 °	38.758528 °
				-121.673027 °	-121.670497 °
DWR ID	DWR_NA0022_01_f_2016_147				
Comment Code					
FE : Fence					
Inspector Comment					

No Photos

LM Start	5.56	Rating **	M	Issue No.	83
LM End	5.56	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.759339 °	38.759339 °
				-121.672863 °	-121.672863 °
DWR ID	DWR_NA0022_01_s_2015_83				
Comment Code					
PR : Prunings					
Inspector Comment					
Prunings and fallen tree are on the waterward side of the levee.					

Photo 1 of 1 : SP_2017_NA0022_350_83_20170320_00064.jpg



View of the tree and tree limbs on the waterward side of the levee looking downstream. Spring 2015.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	05/01/2017 05/01/2017	Zach Jojola

LM Start	5.67	Rating **	M	Issue No.	4
LM End	5.85	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.759000°	38.759390°
				-121.670759°	-121.667500°
DWR ID	DWR_NA0022_01_s_2017_4				
Comment Code					
Inspector Comment					
2006 - Approximately 18 to 20 ft of bank near levee at the corner of the levee and the Freemont Weir. Vertical bank with undercutting/mass failure. 2007 - Staked at top of bank for monitoring. 2011 - Site has become significantly worse with more of the toe and lower bank eroded. Many trees have fallen since last year. 2012 - Site looks worse with more ersion around trees. 2013 - Additional erosion into the toe. 2015: Site extended upstream about 500 ft to account for eroding bank. [2015 Site ID: SAC 83-9 RI					

LM Start	5.67	Rating **	M	Issue No.	4 (cont)
LM End	5.85	Issue Type +	Ma	Location *	WS

Photo 1 of 3 : SP_2017_NA0022_350_4_20170320_00003.jpg



USACE 2013 Photo #1

Photo 2 of 3 : SP_2017_NA0022_350_4_20170320_00004.jpg



USACE 2013 Photo #2

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	05/01/2017 05/01/2017	Zach Jojola

LM Start	5.67	Rating **	M	Issue No.	4 (cont)	
LM End	5.85	Issue Type +	Ma	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	2015 USACE Erosion Survey, DRAFT			38.759000 °		38.759390 °
				-121.670759 °		-121.667500 °
DWR ID	DWR_NA0022_01_s_2017_4					
Comment Code						
Inspector Comment						
2006 - Approximately 18 to 20 ft of bank near levee at the corner of the levee and the Freemont Weir. Vertical bank with undercutting/mass failure. 2007 - Staked at top of bank for monitoring. 2011 - Site has become significantly worse with more of the toe and lower bank eroded. Many trees have fallen since last year. 2012 - Site looks worse with more ersion around trees. 2013 - Additional erosion into the toe. 2015: Site extended upstream about 500 ft to account for eroding bank. [2015 Site ID: SAC 83-9 R]						

Photo 3 of 3 : SP_2017_NA0022_350_4_20170320_00005.jpg



USACE 2013 Photo #3

LM Start	5.73	Rating **	M	Issue No.	177
LM End	5.83	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.758368 °	38.758816 °
				-121.669907 °	-121.668208 °
DWR ID	DWR_NA0022_01_s_2017_177				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	05/01/2017 05/01/2017	Zach Jojola

LM Start	5.73	Rating **	M	Issue No.	178
LM End	5.83	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.758365 °	38.758819 °
				-121.669906 °	-121.668205 °
DWR ID	DWR_NA0022_01_s_2017_178				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	5.83	Rating **	U	Issue No.	84
LM End	5.83	Issue Type +	Ob	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.758960 °	38.758960 °
				-121.668200 °	-121.668200 °
DWR ID	DWR_NA0022_01_s_2015_84				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					

Photo 1 of 3 : SP_2017_NA0022_350_84_20170320_00065.jpg



View of an erosion site on waterward slope. Fall inspection 10/07/2016.

LM Start	5.83	Rating **	U	Issue No.	84 (cont)
LM End	5.83	Issue Type +	Ob	Location *	WS

Photo 2 of 3 : SP_2017_NA0022_350_84_20170320_00066.jpg

View of the erosion on the waterward side of the levee looking upstream.
Fall 2015.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	05/01/2017 05/01/2017	Zach Jojola

LM Start	5.83	Rating **	U	Issue No.	84 (cont)	
LM End	5.83	Issue Type +	Ob	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Erosion / Bank Caving			38.758960 °		38.758960 °
				-121.668200 °		-121.668200 °
DWR ID	DWR_NA0022_01_s_2015_84					
Comment Code						
E1 : Note and monitor erosion site.						
Inspector Comment						

Photo 3 of 3 : SP_2017_NA0022_350_84_20170320_00067.jpg



View of the erosion on the waterward side of the levee looking downstream. Fall 2015.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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